





UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK  
AGRONOMIC NOTES

If found, please tie securely and return to

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(City and State)

# SCALE FOR ESTIMATING RUST

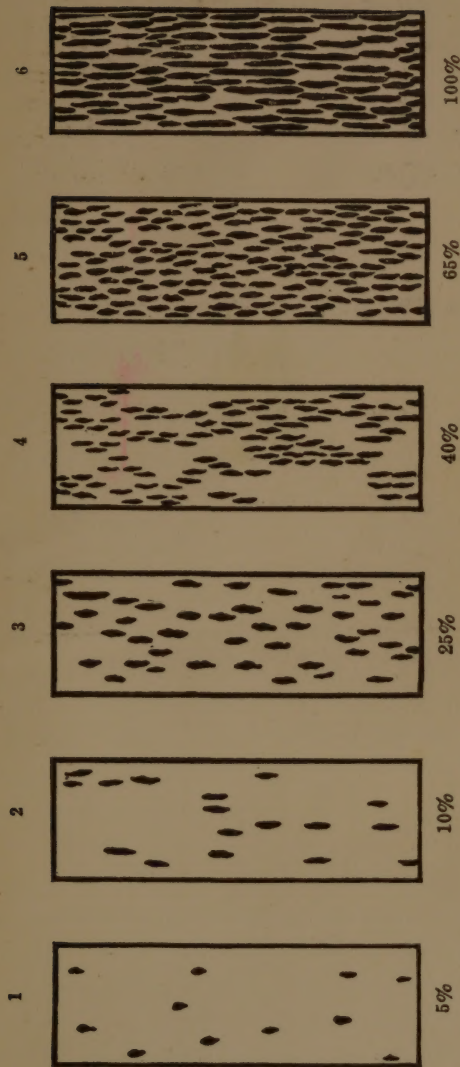


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

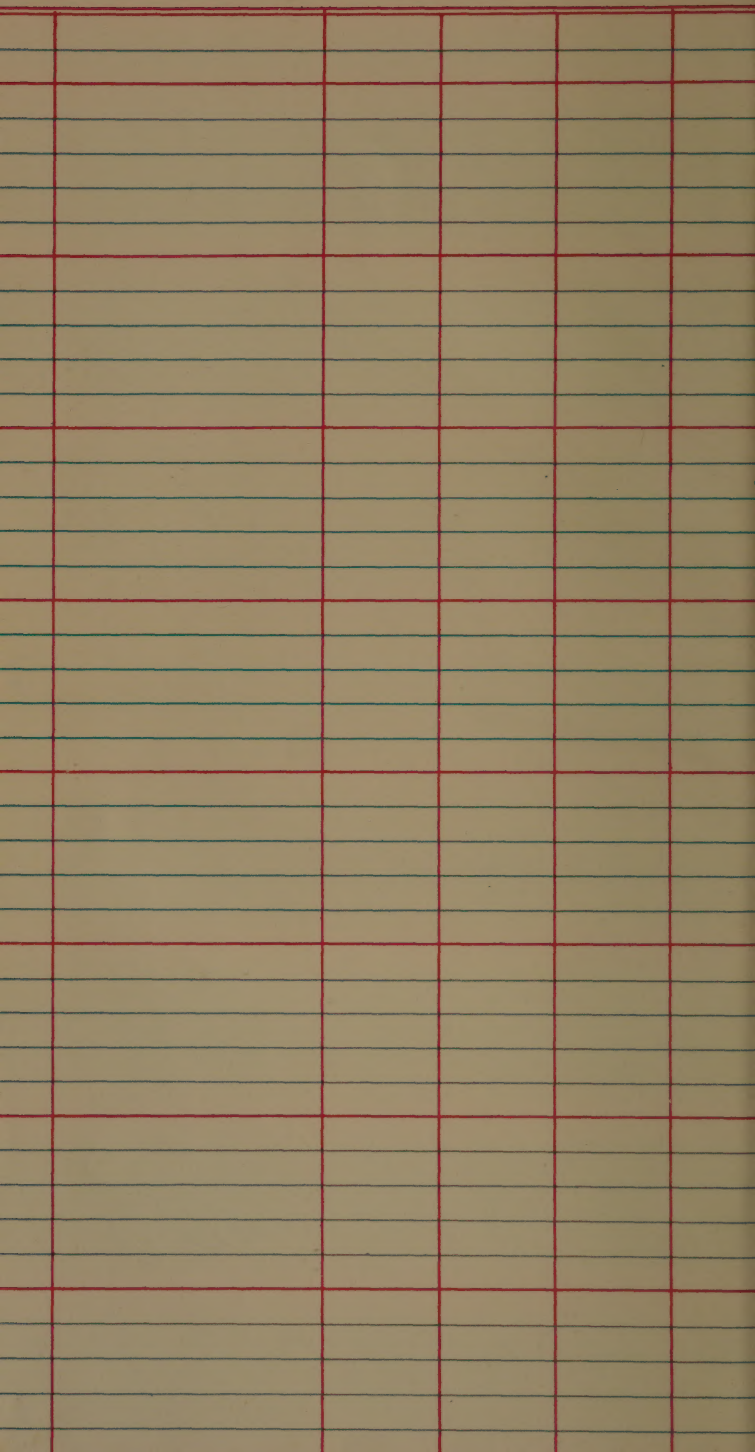
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

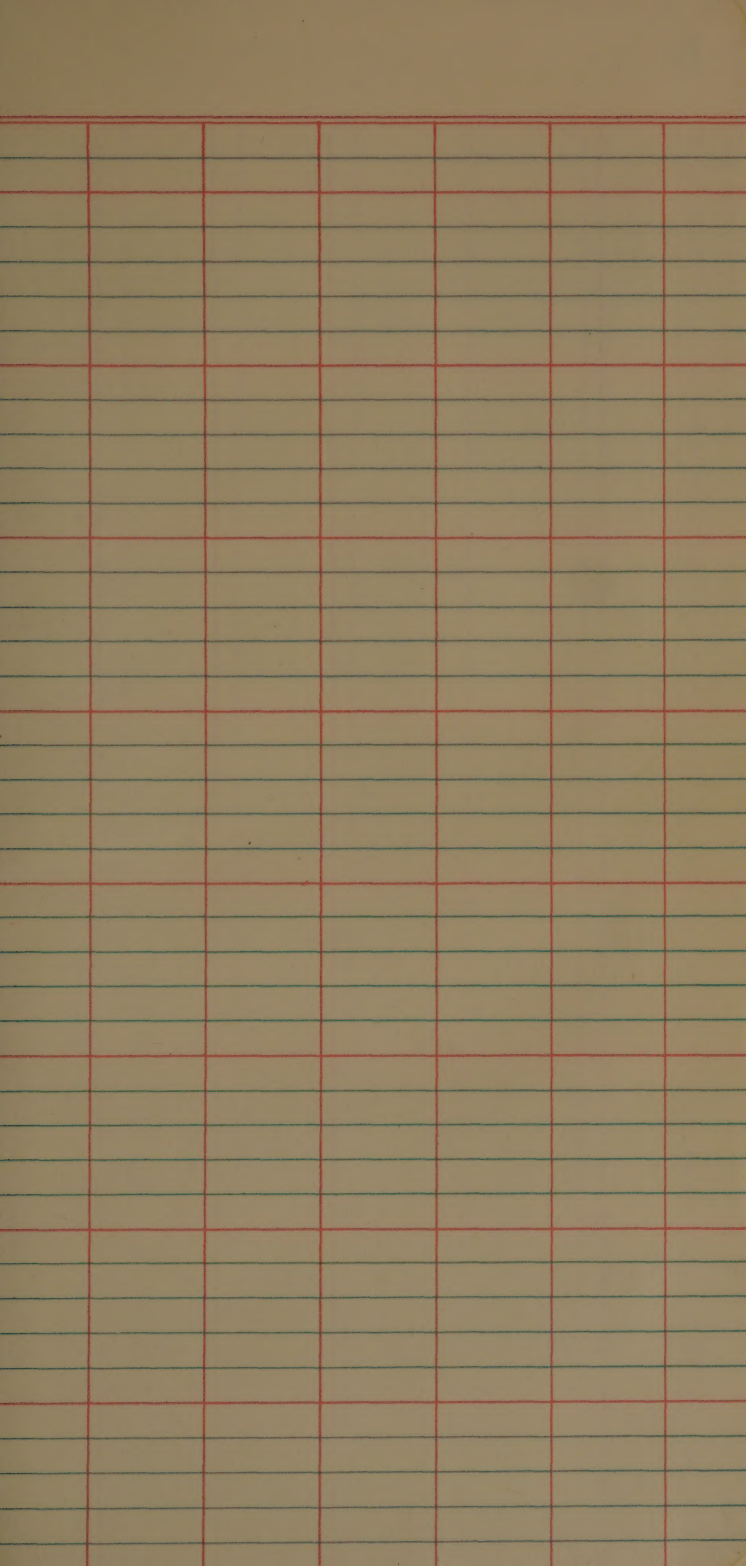
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

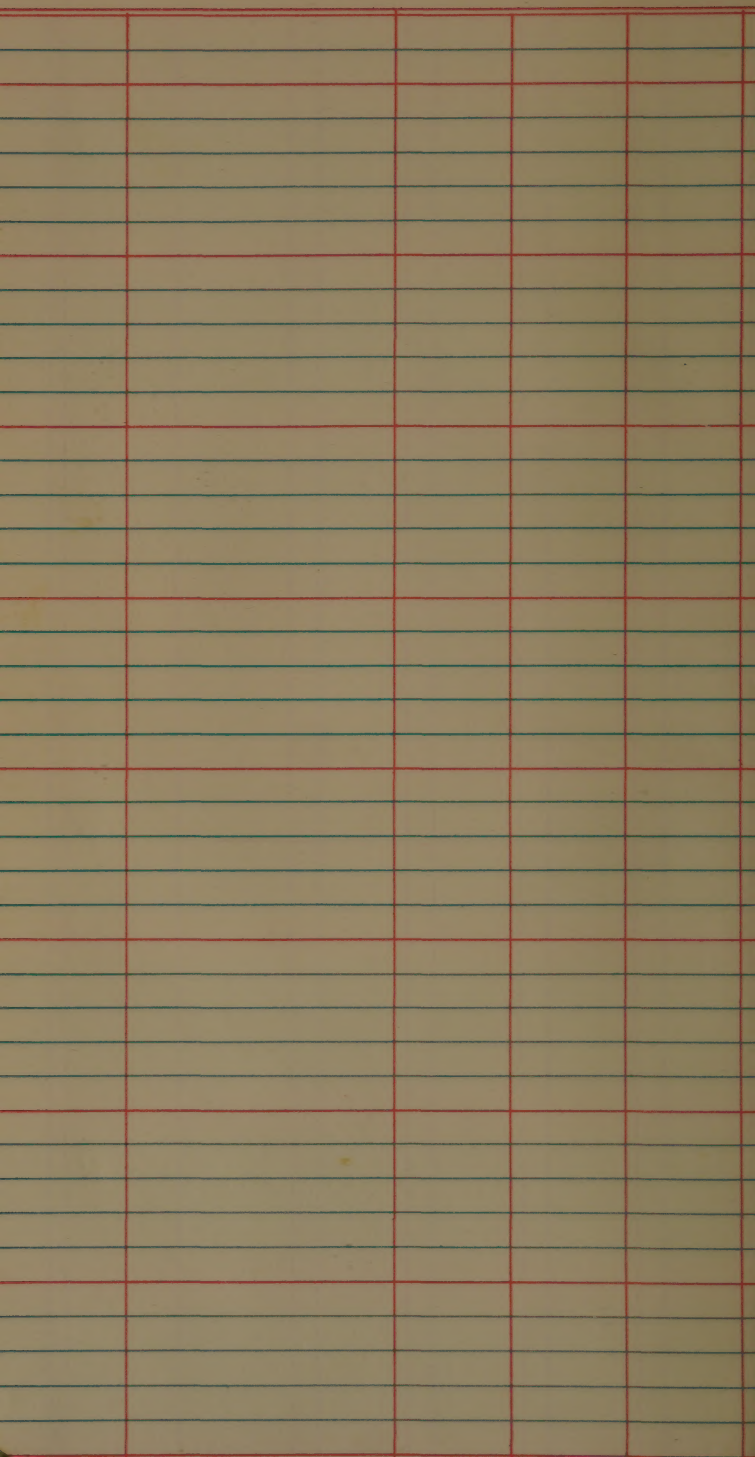




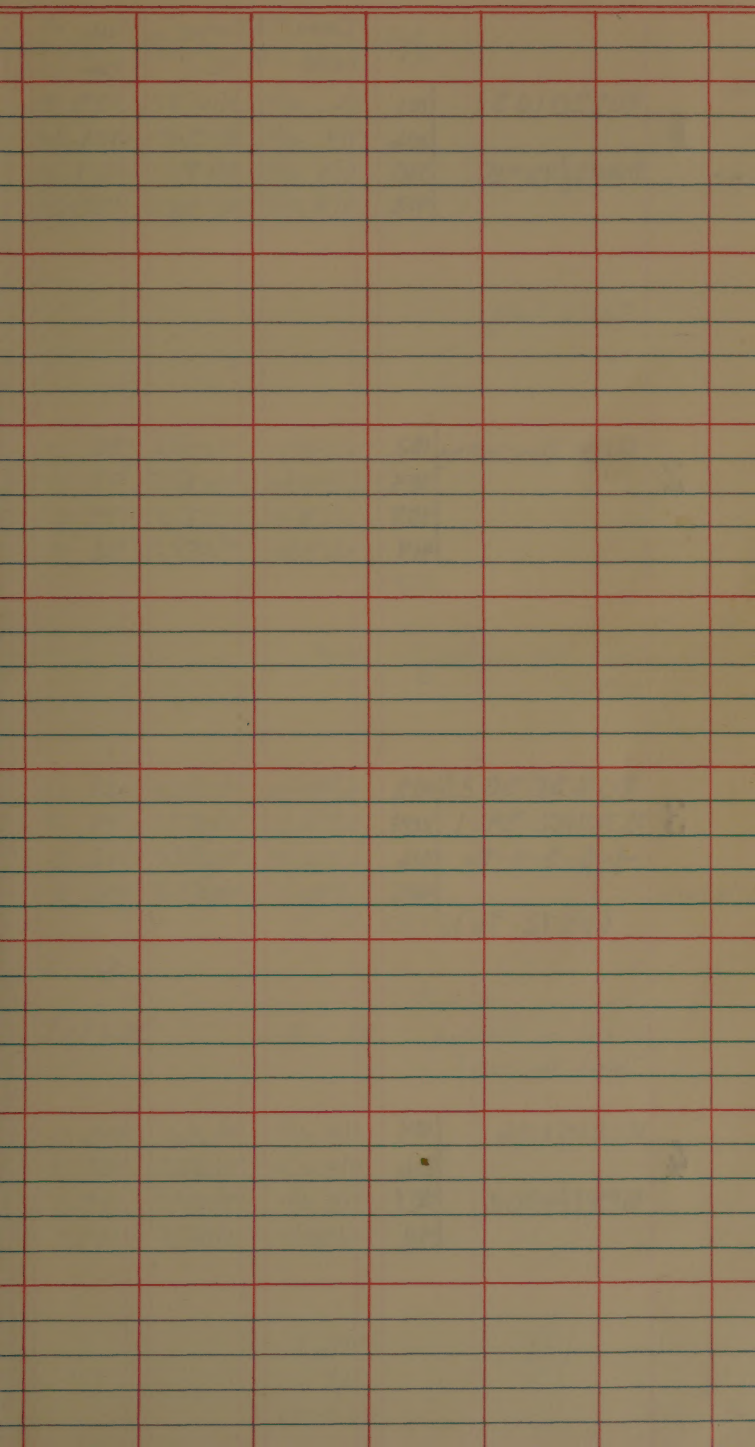












Seeded 4/5/84

North border - none

South border CAMO 202 Hvd 8/

|   |                                                                   |     | Date<br>head            | Date<br>Hv. | Ht.<br>cm. |
|---|-------------------------------------------------------------------|-----|-------------------------|-------------|------------|
| 1 | RU8201031                                                         | 101 | 7/4                     | 8/16        | 123        |
|   |                                                                   | 206 | 7/4                     | 8/13        | 126        |
|   | MARS/9845                                                         | 310 | 7/3                     | 8/13        | 127        |
|   |                                                                   | 412 | 7/4                     | 8/13        | 130        |
|   | Tall & leafy                                                      |     |                         |             |            |
| 2 | Quin Qun wang                                                     | 102 | 6/24                    | 7/27        | 80         |
|   |                                                                   | 203 | 6/24                    | 7/27        | 77         |
|   |                                                                   | 308 | 6/23                    | 7/27        | 79         |
|   |                                                                   | 414 | 6/23                    | 7/25        | 82         |
|   | Some late maturing<br>tillers                                     |     | mgt                     |             |            |
| 3 | RU8303023                                                         | 103 | 6/30                    | 7/25        | 101        |
|   | BT6TA2-84-1                                                       | 209 | 6/28                    | 7/25        | 99         |
|   | -1-3-3-4-Bk                                                       | 316 | 6/26                    | 7/25        | 102        |
|   | 'd borders                                                        | 405 | 6/26                    | 7/25        | 106        |
|   | (3572-76)                                                         |     |                         |             |            |
|   | Gen. very good short<br>normal or tall dwarf.<br>Thresh too easy? |     | Rel. infan              |             | IG-1 (4)   |
| 4 | RU8101116                                                         | 104 | 7/4                     | 8/16        | 102        |
|   |                                                                   | 216 | 7/3                     | 8/16        | 101        |
|   | BP87/9902                                                         | 307 | 7/2                     | 8/1         | 105        |
|   |                                                                   | 411 | 6/30                    | 7/30        | 109        |
|   | 1/6                                                               |     | Wts?<br>1qt<br>tip owns |             |            |

3

Seeded 4/5/84

1

RU8201031

MARS/9845

Tall & leafy

2

Quin. Qu. wa

Some late mature  
tillers

3

RU830302

B767A2-84-

-1-3-3-4-B

u'd borders

(3572-76

Gen. very good  
normal on tall  
Thresh too easy

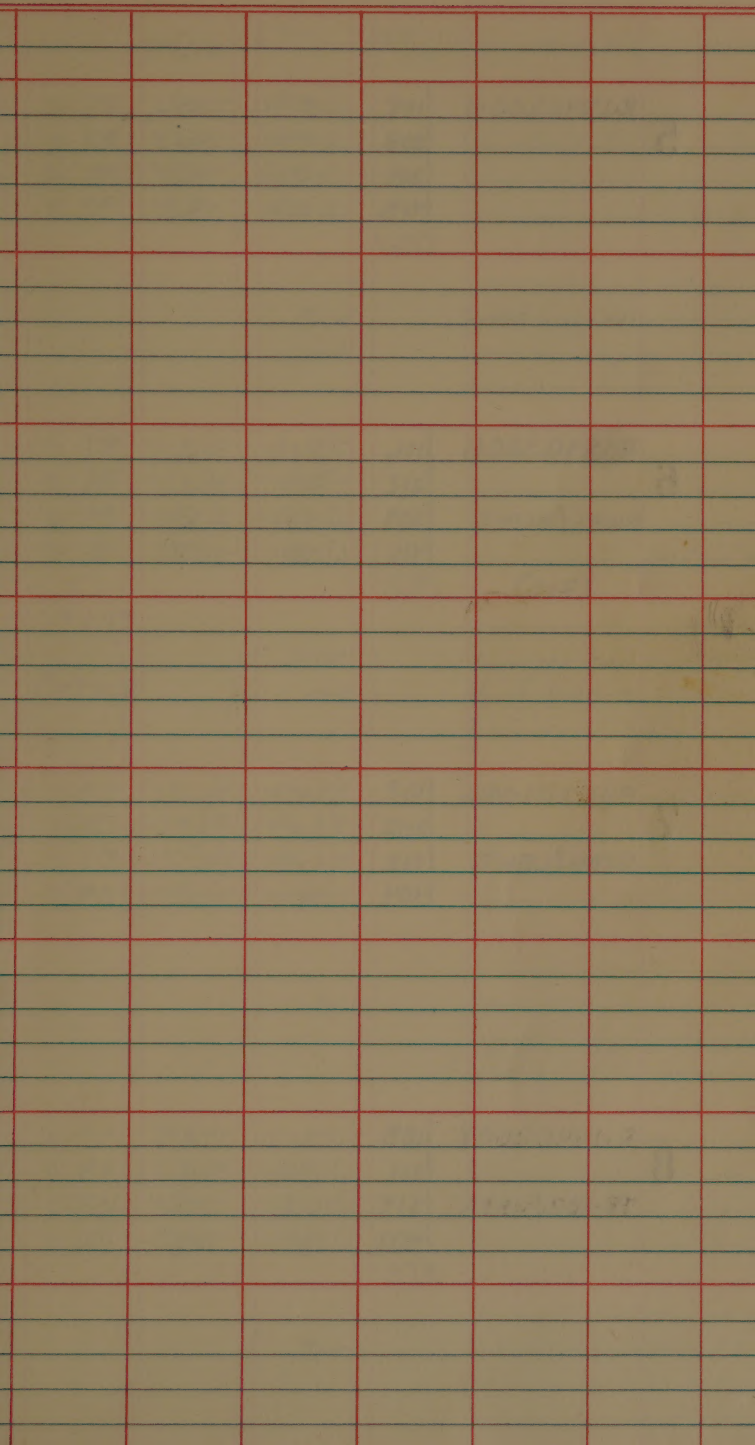
4

RU8101116

BP87/9902

1/6







5

RU8402005

late green tillers

6

RU8403006

NWRX/BLMT

old borders

(513)

0 1/p for

draws

Gen. very good  
Excellent plant

7

RU8201086

STON/LBNT

8

RU8402008

78-102/VSTP



|           |                                                            |     |            |      |          |
|-----------|------------------------------------------------------------|-----|------------|------|----------|
|           | RU8003009                                                  | 109 | 6/28       | 7/30 | 102      |
| 9         | B7421A1-175                                                | 214 | 6/27       | 7/27 | 101      |
|           | -2                                                         | 305 | 6/26       | 7/30 | 102      |
| d borders |                                                            | 415 | 6/24       | 7/25 | 96       |
|           | (9)                                                        |     |            |      | Q        |
|           | Overall looks very good!                                   |     |            |      | IG-1 (1) |
|           |                                                            |     |            |      |          |
| 10        | RU8201086                                                  | 110 | 7/3        | 8/7  | 113      |
|           |                                                            | 201 | 7/3        | 8/7  | 115      |
|           | DULR//NV66/                                                | 313 | 7/2        | 8/7  | 113      |
|           | NIAI                                                       | 406 | 7/1        | 8/7  | 113      |
|           | Cut 3 or 4 days early because lodged flat on soil surface! | mgt |            |      |          |
| 11        | RU8402011                                                  | 111 | 7/4        | 8/6  | 122      |
|           |                                                            | 215 | 7/4        | 8/6  | 115      |
|           | STRN Sel.                                                  | 306 | 7/3        | 8/6  | 113      |
|           |                                                            | 401 | 7/3        | 8/6  | 113      |
|           | Rt. tall & leafy; many sterile panicles                    | mgt |            |      |          |
| 12        | RU8303181                                                  | 112 | 7/2        | 8/6  | 89       |
|           |                                                            | 213 | 6/30       | 8/3  | 87       |
|           | NWRX/BLMT                                                  | 303 | 6/29       | 7/31 | 88       |
| ★         |                                                            | 408 | 6/27       | 7/30 | 81       |
|           | (2880-83)                                                  |     |            |      | Q        |
| d borders |                                                            |     |            |      | Q        |
|           | Very good seed! Beautiful plant                            | VUF | Short flag |      | IG-1 (4) |

## Ratoon

|    | g <sup>m</sup> /plot |       | lb/A              |  |  |  |
|----|----------------------|-------|-------------------|--|--|--|
| 0  | 291                  | 10/24 |                   |  |  |  |
| 0  | 282                  | 10/24 |                   |  |  |  |
| 0  | 317                  | 10/24 |                   |  |  |  |
| 0  | 223                  | 10/24 |                   |  |  |  |
|    |                      |       | <u>1430</u>       |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
| 90 | 346                  | 11/6  |                   |  |  |  |
| 80 | 299                  | 11/6  |                   |  |  |  |
| 90 | 187                  | 11/6  |                   |  |  |  |
| 90 | 169                  | 11/6  |                   |  |  |  |
|    |                      |       | <u>          </u> |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
| 0  | 136                  | 10/30 |                   |  |  |  |
| 0  | 115                  | 10/30 |                   |  |  |  |
| 60 | 61                   | 11/6  |                   |  |  |  |
| 70 | 76                   | 11/6  |                   |  |  |  |
|    |                      |       | <u>          </u> |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
|    |                      |       |                   |  |  |  |
| 0  | 283                  | 10/30 |                   |  |  |  |
| 0  | 368                  | 10/25 |                   |  |  |  |
| 0  | 313                  | 10/25 |                   |  |  |  |
| 0  | 300                  | 10/24 |                   |  |  |  |
|    |                      |       | <u>1624</u>       |  |  |  |



9

RU8003009

BT421A1-175

-2

d borders

(9)

Overall looks  
good!

10

RU8201086

DULR//NY66/

NTAI

Cut 3 or 4  
early because I  
flat on soil &

11

RU8402011

STRN Sel.

Rd. tall & bushy;  
steile pomies

12

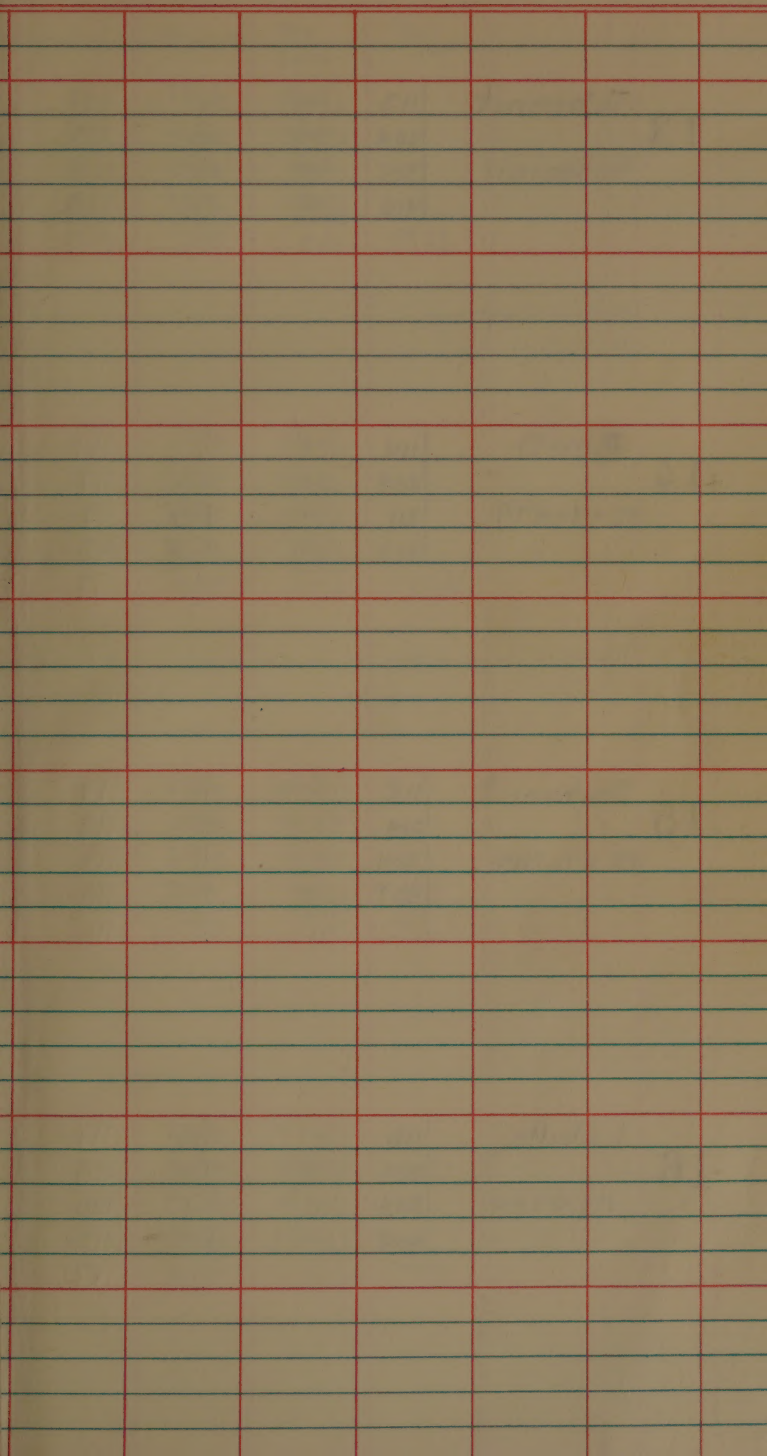
RU8303181

NWRX/BLMT

(2880-83)

d borders

Very good dup!  
Beautiful plan



13

Tebonnet

113

6/28

8/6

122

204

6/28

8/3

124

RUT801011

315

6/25

8/1

115

410

6/25

7/31

118

6/27

8/4

120

Early, tall mgt segs.

Highly variable!

14

BOND

114

6/27

8/1

101

207

6/25

7/30

97

PI 474579

311

6/24

7/30

99

403

6/24

7/27

100

6/25

7/30

99

Mature, uneven on fm.

15

Skybonnet

115

7/3

8/6

119

210

7/1

8/6

115

PI 476819

304

7/1

8/1

118

407

6/28

7/30

110

7/1

8/5

116

16

Labelle

116

6/27

7/30

119

205

6/27

7/30

120

CI 9708

302

6/26

7/27

120

409

6/22

7/25

110

6/26

7/28

117





13

Tebonnet

RU 7801011

Early, tall mgt  
Highly variable

14

BOND

PI 474579

Mature, m...

15

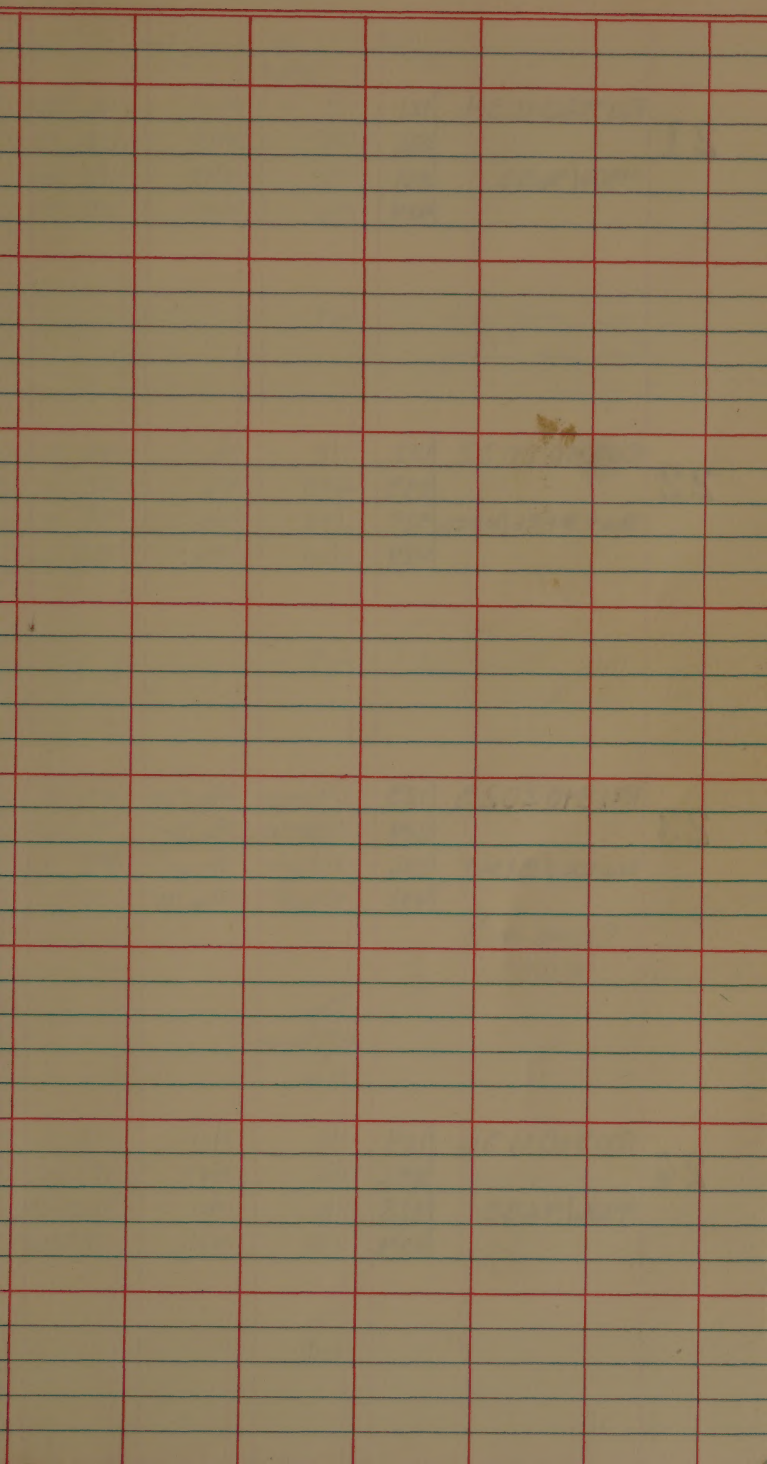
Skybonnet

PI 476819

16

Labelle

CI 9708



Seeded 4/5/84

South border MARS

North border DLLA

21

RU8201034

121

7/7

8/24

116

226

7/5

8/21

112

9906/9633

331

7/6

8/17

121

424

7/6

8/24

115

Gen. very good  
Long grain-filling  
period

mgt

22

RU8402022

122

7/2

8/6

105

233

6/30

8/6

97

Short MARS/MARS

325

6/30

8/6

97

429

6/30

8/6

103

More sturdiness and  
gen. delight

mgt

23

RU8403023

123

7/4

8/6

83

229

7/3

8/6

90

NWRX/BLMT

336

7/2

8/6

84

431

7/2

8/6

91

225 p/p

(2740-44)

Hv'd borders

83/503

Ds

AF, longer

Uma

24

RU8101136

124

7/5

8/21

112

236

7/6

8/27

122

9906/9633

328

7/6

8/21

120

434

7/5

8/21

120

mgt





Seeded 4/15/84

21

RU8201034

9906/9633

Gae. very good  
Long grain - full  
period

22

RU8402022

Short MARS/MAV

More steadily  
pen. delight

23

RU8403023

NWRX/BLMT

(2740-44)

83/503

24

RU8101136

9906/9633



25

RU8402025

125

7/7

8/17

111

221

7/7

8/17

115

Mars Sel.

334

7/7

8/17

110

428

7/7

8/13

111

much better than  
# 22

mgt

26

RU8303026

126

7/3

7/31

86

225

7/1

7/31

85

NWRX / BLMT

333

7/1

7/31

88

432

7/1

7/31

92

Avd borders

(26)

9

tall segs. (mfts)

Dms

seg. ht. 6 mft.

Round handle!

Prob. deep

27

RU8201104

127

7/4

8/21

112

230

7/5

8/27

116

9906/9633

335

7/4

8/27

110

421

7/4

8/27

119

long grain filling  
found

mgt

28

RU8402028

128

7/7

8/13

118

235

7/6

8/13

120

MARS Sel.

332

7/7

8/13

125

436

7/6

8/13

118





25

RU840202

Mars Sel.

Much better

#22

26

RU830302

NWRX/BLMT

v'd borders

(26)

tall segs. (mpts)

seg. ht. & out.

Rough level

Prob. drop

27

RU820110

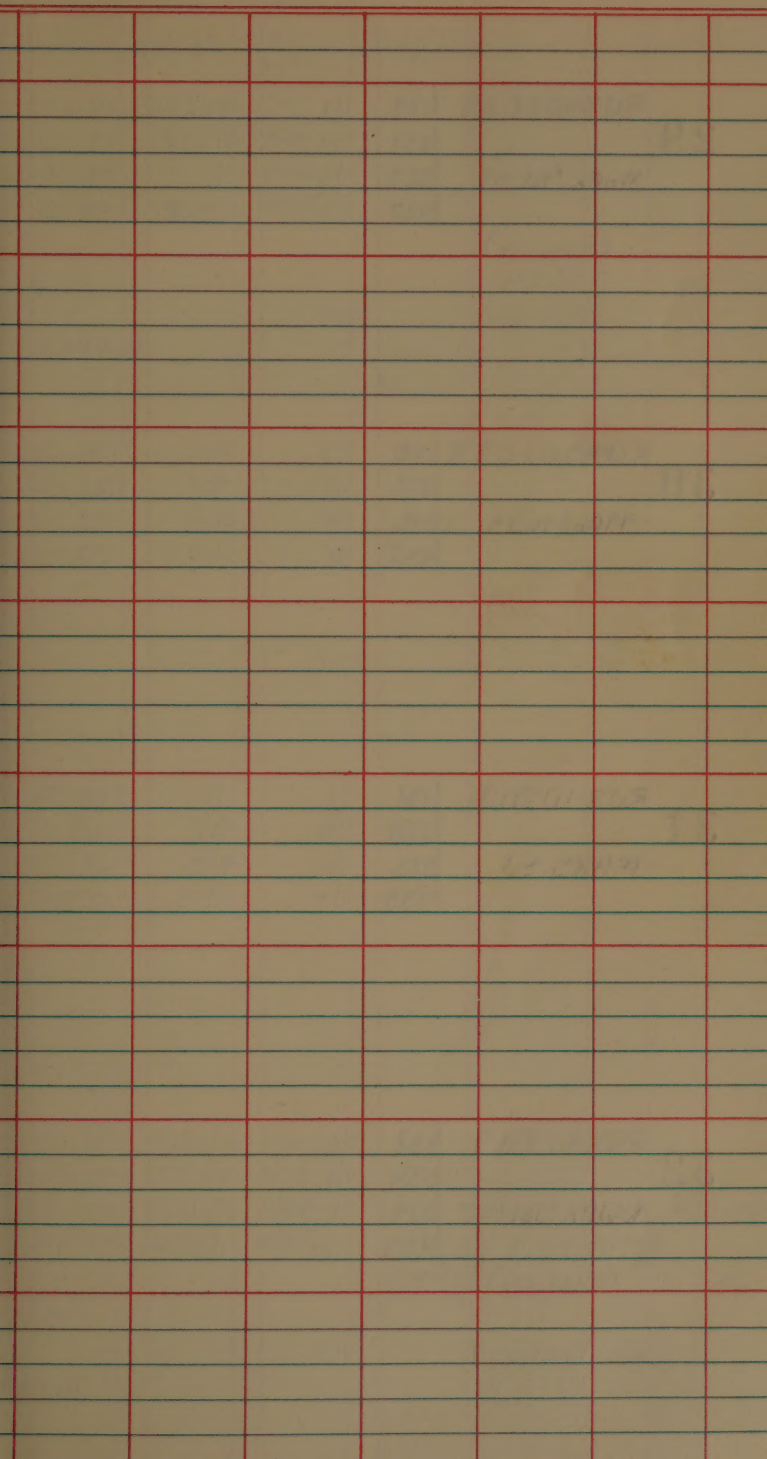
9906/9633

Long grain fill  
found

28

RU840202

MARS Sel.



29

RU8403029

129

7/7

8/10

94

232

7/4

8/6

97

NWRX/BLMT

323

7/3

8/6

98

427

7/1

8/3

94

(2911-14)

83/1214

Excellent plant

VUF

May be very good under  
strong N winds; somewhat  
later; low possible.D<sub>T</sub>

IG-1 (4)

30

RU8201098

130

7/7

8/24

118

222

7/5

8/24

121

9906/9633

326

7/5

8/24

112

435

7/6

8/24

118

Gen. very good

mgt

31

RU8402031

131

7/6

8/15

119

228

7/6

8/15

120

MARS Sel.

322

7/6

8/13

119

433

7/7

8/13

123

32

RU8303169

132

7/3

8/6

87

234

7/1

8/6

90

w'd borders

NWRX/BLMT

329

7/1

8/6

86

B774A2-BK-70-5-3

423

6/29

7/31

83

(2802-06) ~~4~~ BK

poor stand, rep. I

VUF

Excellent plant

IG-1 (4)

|    | gm/plot | Hv<br>date | lb/A |
|----|---------|------------|------|
| 0  | 207     | X          |      |
| 0  | 181     | 10/30      |      |
| 0  | -       | 10/30      |      |
| 0  | 180     | 10/25      |      |
| 40 |         |            |      |
| 50 |         |            |      |
| 0  |         |            |      |
| 10 |         |            |      |
| 60 |         |            |      |
| 0  |         |            |      |
| 70 |         |            |      |
| 40 |         |            |      |
| 0  | 139     | 11/6       |      |
| 0  | 170     | 10/25      |      |
| 0  | 156     | 10/25      |      |
| 0  | 112     | 10/24      |      |
|    |         |            | 741  |



29

RU8403029

NWRX/BLMT

(2911-14)

83/1214

Excellent plant

May be very good  
poor N border  
later; low power

30

RU8201095

9906/9633

Good very good

31

RU8402031

MARS Sel.

32

RU8303169

v'd borders

NWRX/BLMT

B774A2-BK-70-5-3

(2802-06)-~~8~~  
-1

poor stand, rep I

Excellent plant



33

MARS

133

7/6

8/15

120

223

7/6

8/15

125

CI 9945

330

7/6

8/13

123

426

7/6

8/13

120

122

34

Pecos

134

7/3

8/10

116

227

7/2

8/10

110

PI 476818

324

7/2

8/10

108

430

7/2

8/10

114

112

35

Leah

135

7/6

8/10

106

231

7/7

8/10

109

CI 9979

321

7/7

8/10

113

425

7/6

8/10

110

110

Harvest moisture = 19.6%

36

Lebonnet

136

7/5

8/7

127

224

7/3

8/6

125

CI 9882

327

7/1

8/3

127

422

6/29

8/3

125

7/2

8/5

126





33

MARS

CI 9945

34

Pecos

PI 476818

35

Leah

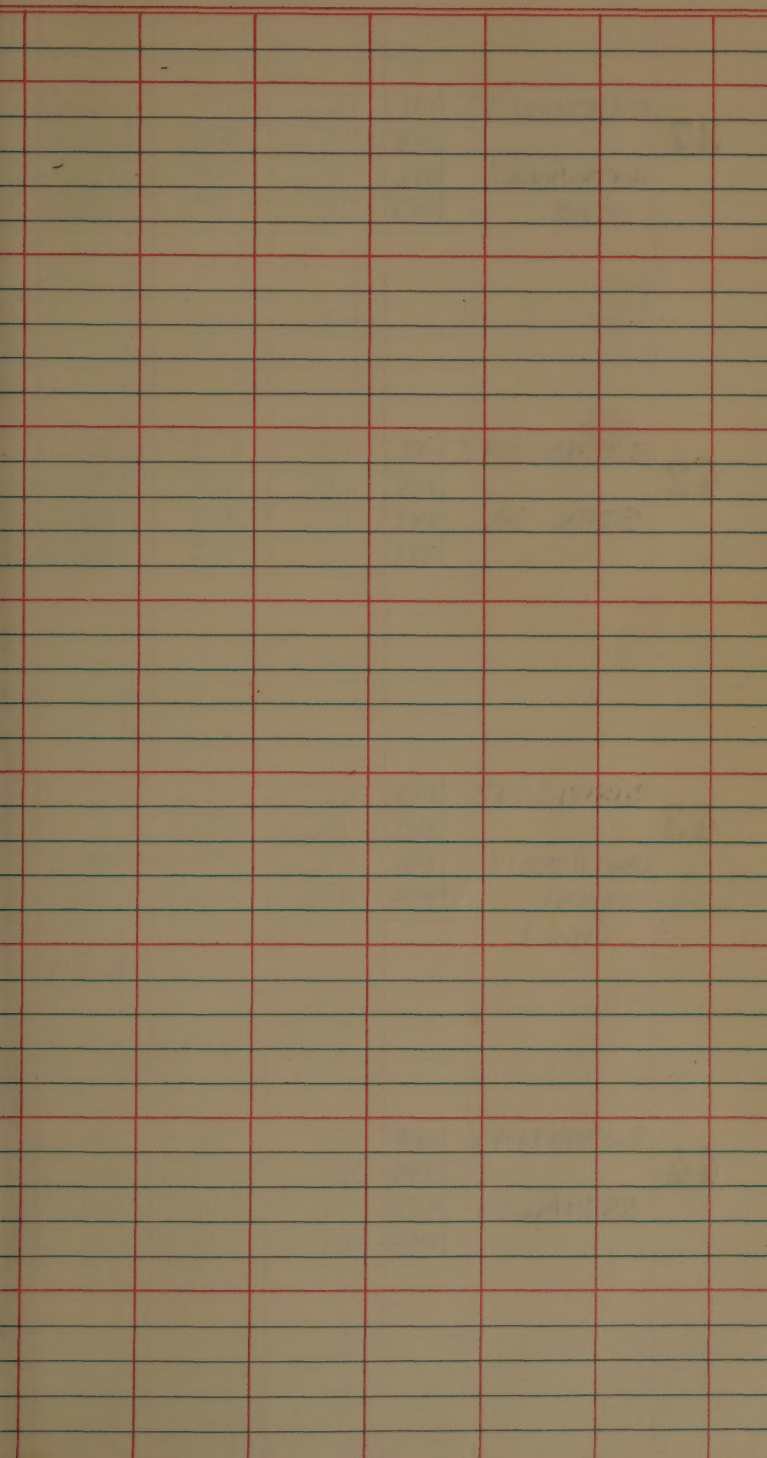
CI 9979

Harvest moisture

36

Lebonnet

CI 9882



Seeded 4/6/84

South border NATO

North border CP231

41

RU8201172

141

7/6

8/15

126

248

7/4

8/13

122

164986/MV66/

352

7/4

8/13

122

NTAI

447

7/4

8/13

122

taller but more

mgt

42

RU8402042

142

7/10

8/13

116

255

7/10

8/13

115

STRN Sel.

347

7/7

8/13

120

451

7/7

8/13

116

mgt

43

RU8403043

143

7/5

8/10

92

252

7/3

8/3

90

LBWT//9881/

350

7/2

8/3

93

Hv'd borders

331581

444

6/30

8/2

90

(1206)

IG-1(2)

Very good

Dm

AF, lower, wider

44

RU8101148

144

7/7

8/21

120

249

7/5

8/21

120

9879/9633

355

7/4

8/21

122

446

7/4

8/21

126

mgt

150

60

301

X

167

10/25

10/30

234

10/25

40

60



Seeded 4/6/84

41

RU820117

164986/WV66/

NTAI

*Taller best mix*

42

RU840204

STRN Sel.

43

RU8403043

LBNT//9881/

*w'd borders*

331581

(1206)

*Very good*

44

RU8101148

9879/9633



|    |           |     | Date        |             | Plant<br>let.<br>(no.) |
|----|-----------|-----|-------------|-------------|------------------------|
|    |           |     | 1st<br>Seed | 2nd<br>Seed |                        |
| 45 | RU8102044 | 145 | 7/6         | 8/15        | 122                    |
|    |           | 243 | 7/6         | 8/13        | 120                    |
|    |           | 353 | 7/4         | 8/13        | 122                    |
|    |           | 455 | 7/4         | 8/13        | 125                    |

1gt

|    |             |     |      |     |     |
|----|-------------|-----|------|-----|-----|
| 46 | RU8303046   | 146 | 7/3  | 8/7 | 97  |
|    |             | 256 | 7/3  | 8/7 | 101 |
|    | LBNT//9881/ | 343 | 7/1  | 8/2 | 86  |
|    |             | 448 | 6/29 | 8/2 | 90  |
|    | 331581      |     | 7/2  | 8/5 | 94  |
|    | (46)        |     |      |     |     |

Hv'd borders

IG-1(1)

~~CAFMT~~

|    |           |     |     |      |     |
|----|-----------|-----|-----|------|-----|
| 47 | RU8101133 | 147 | 7/6 | 8/21 | 112 |
|    |           | 241 | 7/6 | 8/21 | 118 |
|    | 9906/9633 | 349 | 7/6 | 8/21 | 107 |
|    |           | 453 | 7/5 | 8/21 | 112 |

mg+

|    |           |     |      |      |     |
|----|-----------|-----|------|------|-----|
| 48 | RU8302048 | 148 | 7/10 | 8/13 | 104 |
|    |           | 251 | 7/9  | 8/13 | 104 |
|    |           | 356 | 7/9  | 8/13 | 107 |
|    |           | 441 | 7/9  | 8/13 | 102 |





45

RU810204

46

RU8303046

LBNT//98811

331581

(46)

lv'd borders

~~CAF 97~~

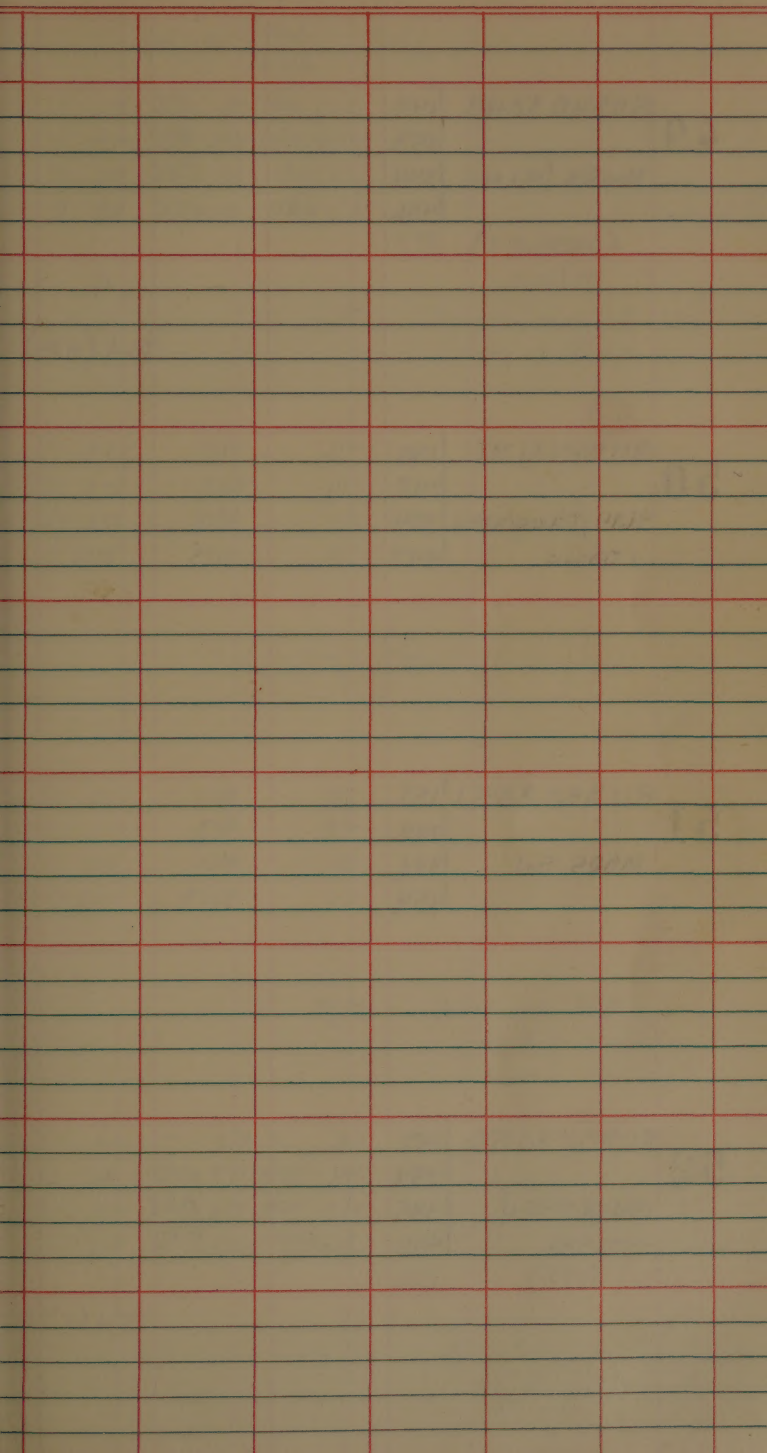
47

RU8101137

9906/9637

48

RU83020



|              |                       |     |          |      |           |
|--------------|-----------------------|-----|----------|------|-----------|
|              |                       |     |          |      |           |
| 49           | RU8403049             | 149 | 6/30     | 8/2  | 86        |
|              |                       | 253 | 6/28     | 8/2  | 90        |
|              | NWRX / BLMT           | 344 | 6/27     | 8/2  | 85        |
| tv'd borders |                       | 456 | 6/27     | 8/2  | 88        |
|              | (2855-57)             |     |          |      |           |
|              | 83/1212               |     |          |      | 9         |
|              | Tall seqs; ragged     |     | Dm       |      |           |
|              | Excellent plant       |     |          |      | IG-1 (4F) |
| 50           | RU8101181             | 150 | 7/6      | 8/15 | 124       |
|              |                       | 245 | 7/4      | 8/13 | 121       |
|              | 9694 / DAWN / STBN    | 354 | 7/3      | 8/13 | 126       |
|              | / DAWN                | 442 | 7/3      | 8/13 | 124       |
|              | Many off-types (mpts) |     | 1gt mpts |      |           |
| 51           | RU8402051             | 151 | 7/5      | 8/17 | 110       |
|              |                       | 242 | 7/5      | 8/13 | 116       |
|              | MARS Sel.             | 346 | 7/5      | 8/13 | 107       |
|              |                       | 454 | 7/4      | 8/13 | 110       |
|              | Overall very good     |     | mgt      |      |           |
|              | (brown mat. on pan.)  |     |          |      |           |
| 52           | RU8003050             | 152 | 7/6      | 8/7  | 100       |
|              |                       | 254 | 7/4      | 8/7  | 99        |
|              | BLMT    9881          | 345 | 7/2      | 8/3  | 92        |
| tv'd borders | 331581                | 450 | 6/30     | 8/2  | 95        |
|              | (52)                  |     |          |      |           |
|              | Very good; flaps      |     |          |      | IG-1 (1)  |
|              | too big?              |     |          |      |           |





49

RU8403049

NWRX/BLMT

v'd borders

(2855-57)

83/1212

Tall segs; reqs

Excellent plant

50

RU8101181

9694/DAWN/STB

/DAWN

Many off-type

51

RU840205

MARS Sel.

Overall very good

(Green mt. on)

52

RU8003050

LBNT//9881/

v'd borders

331581

(52)

Very good. 1  
too big?

254

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

10/11

53

Toro-2

153

7/6

8/13

108

247

7/4

8/13

106

351

7/4

8/13

103

443

7/3

8/13

103

7/4

8/13

105

54

Newbonnet

154

7/9

8/17

114

250

7/7

8/17

120

PI 474580

341

7/7

8/17

117

445

7/7

8/17

116

7/8

8/17

117

Severe leaf senescence  
before panicle maturity

55

Lemont

155

7/6

8/10

94

244

7/4

8/7

94

PI 475833

348

7/3

8/7

92

452

7/3

8/3

88

7/4

8/7

92

56

Bellemont

156

7/4

8/7

84

246

7/3

8/3

86

CI 9978

342

7/1

8/2

85

449

6/29

8/2

80

7/2

8/4

84

Ratoon



53

Toro-2

54

Newbonne

PI 474580

Severe leaf sc  
before pencil

55

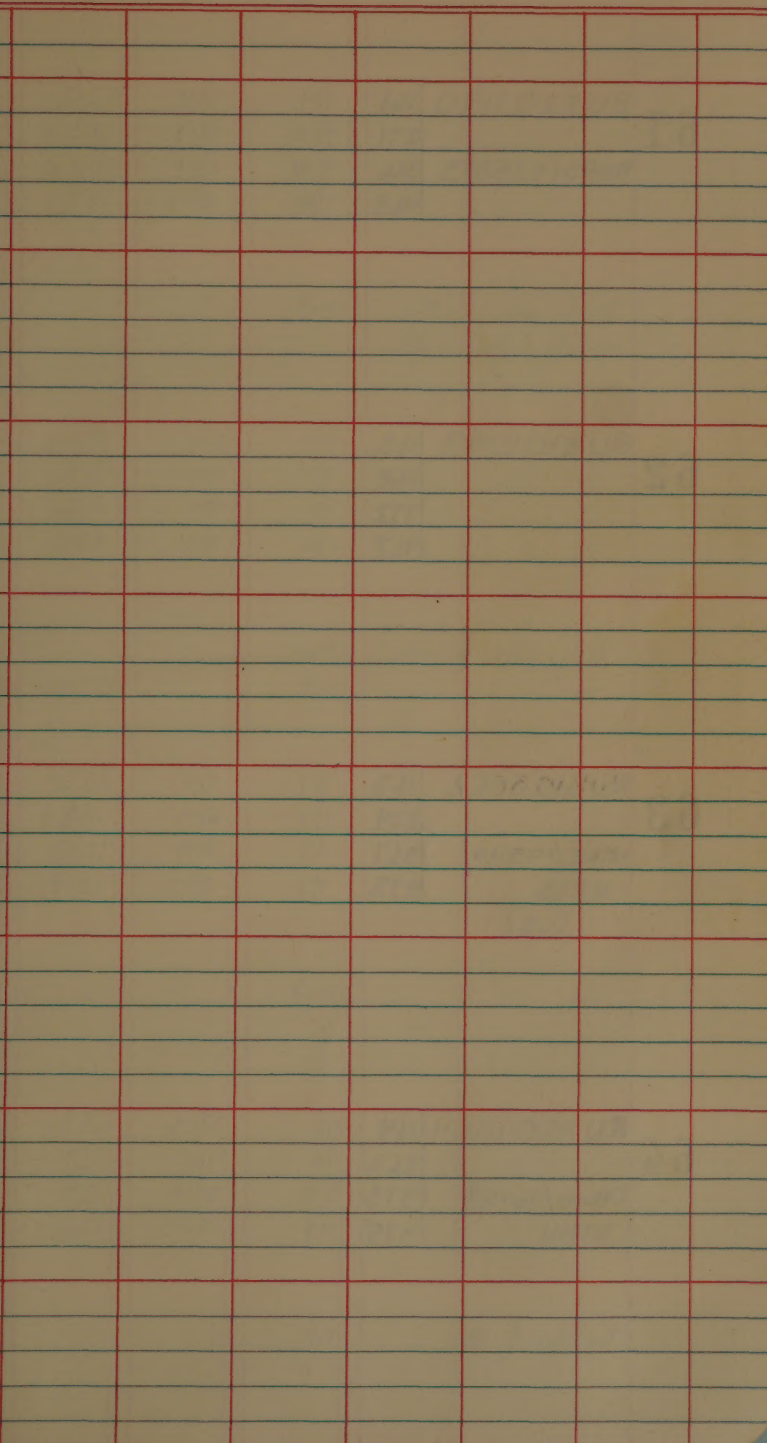
Lemont

PI 475833

56

Bellemont

CI 9978



Seeded 4/6/84

South border Rico 1

North border STBN

61

|             |     |      |      |     |
|-------------|-----|------|------|-----|
| RU8201190   | 161 | 7/14 | 8/20 | 120 |
|             | 271 | 7/13 | 8/17 | 113 |
| MARS/325893 | 366 | 7/14 | 8/17 | 116 |
|             | 468 | 7/14 | 8/17 | 117 |

Smaller pin. mature  
quickly for mgt!

mgt

62

|           |     |     |     |     |
|-----------|-----|-----|-----|-----|
| RU8102199 | 162 | 7/7 | 8/9 | 115 |
|           | 268 | 7/7 | 8/9 | 103 |
|           | 372 | 7/7 | 8/9 | 106 |
|           | 467 | 7/6 | 8/9 | 100 |

Very poor pinule

Wtm

mgt

63

|             |     |     |      |     |
|-------------|-----|-----|------|-----|
| RU8103062   | 163 | 7/7 | 8/15 | 103 |
|             | 274 | 7/7 | 8/13 | 108 |
| NTAI//9545/ | 367 | 7/7 | 8/13 | 105 |
| NROS        | 473 | 7/8 | 8/13 | 104 |
| (63)        |     |     |      |     |

mgt

64

|             |     |     |      |     |
|-------------|-----|-----|------|-----|
| RU8201064   | 164 | 7/8 | 8/13 | 121 |
|             | 262 | 7/8 | 8/15 | 129 |
| DAWN/9695// | 373 | 7/8 | 8/13 | 123 |
| STBN        | 475 | 7/8 | 8/13 | 120 |

Bad nest, II

lgt

0  
0  
0  
0

0  
0  
0  
0

0  
0  
0  
0

0  
0  
0  
40



Seeded 4/6/84

61

RU820119

MARS/32589

Smaller pan. r  
quickly for

62

RU810219'

Very poor p

63

RU8103062

NTAI//9545/

NR05

(63)

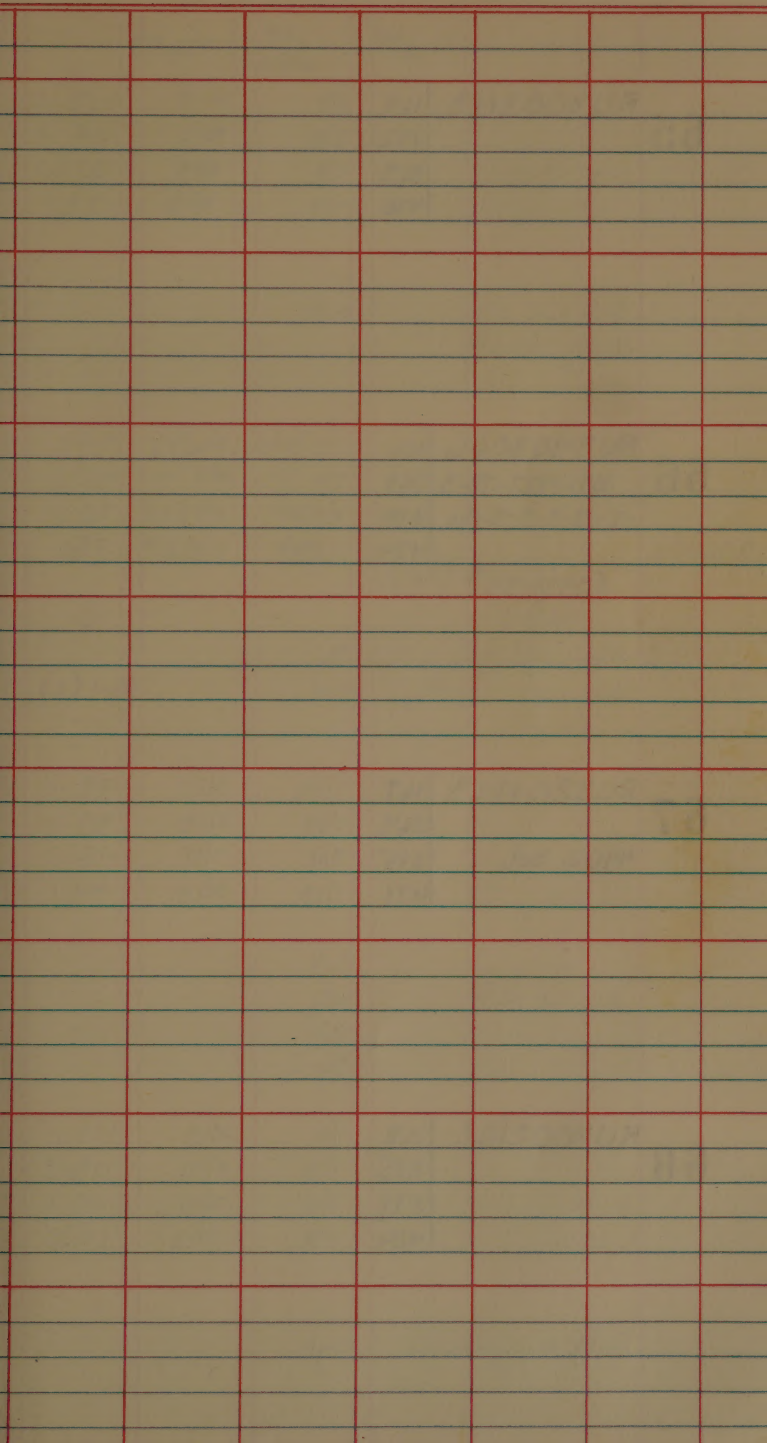
64

RU820106

DAWN/9695//

STON

Bad nest, II



65

RU8002113

165

7/9

8/13

118

272

7/9

8/13

119

363

7/9

8/13

121

470

7/9

8/13

122

Early segs

mgt

Highly variable

66

RU8403066

166

7/3

8/2

79

BT6TA2-T8-3

261

7/3

8/7

81

-5-3-3-3-3-BK

370

7/2

8/1

70

w/d borders

474

6/29

8/1

75

(3531-35)

83/313

9

many off-types!

D<sub>5</sub>

Gen. sealed plant

VUF

IG-1 (1)

Drop?

67

RU8201193

167

7/13

8/15

88

264

7/14

8/13

90

9902 Sel.

375

7/14

8/15

95

471

7/13

8/13

94

Excellent plant

1gt

WTA

VUF

D<sub>7</sub>

68

RU8002102

168

7/9

8/13

111

275

7/8

8/13

113

371

7/9

8/13

110

464

7/8

8/13

122

Early segs. variable

mgt





65

RU800211

Early seps  
Highly variable

66

RU840306

B767A2-T8

-5-3-3-3-3-A

old borders

(3531-35)

83/313

many off-types  
Gen. spread p  
Drop?

67

RU820119

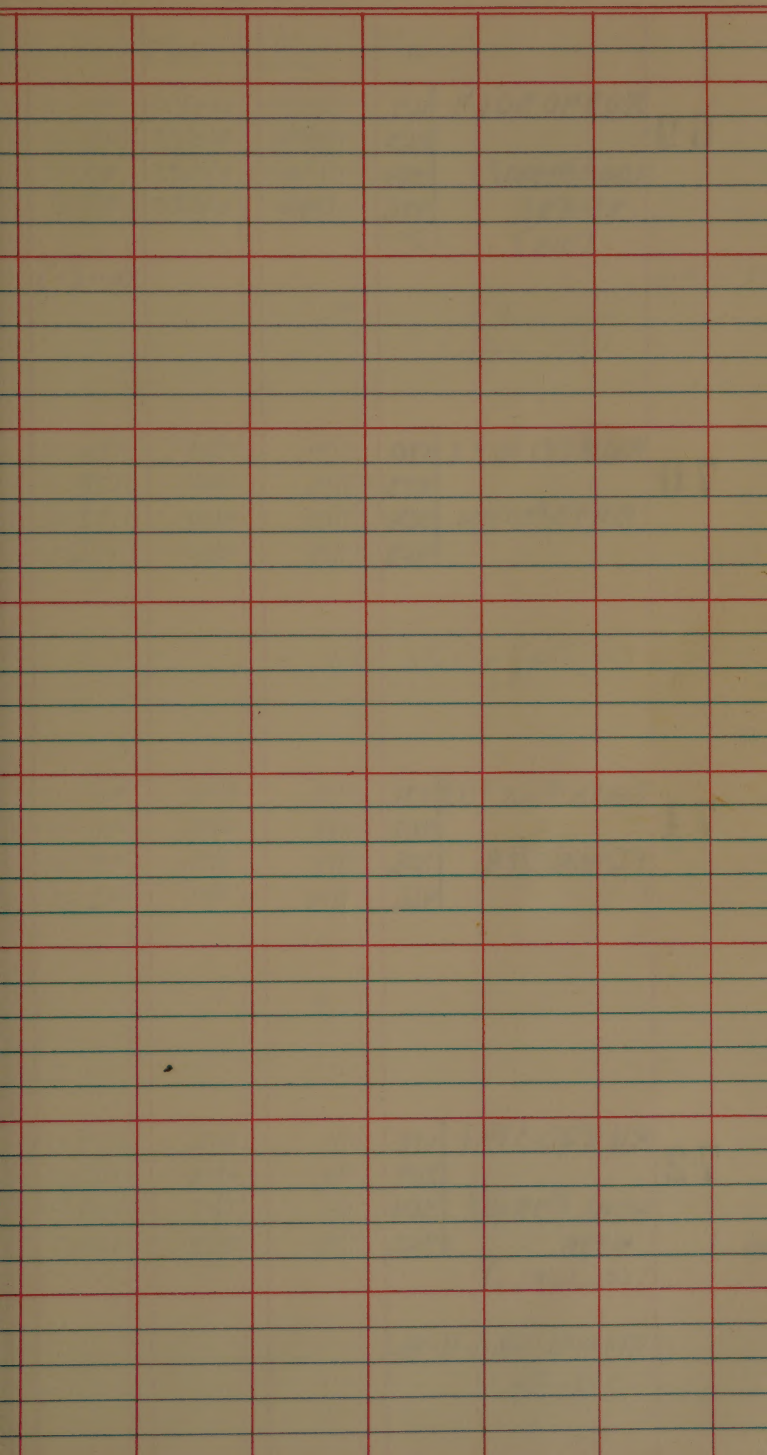
9902 Sel.

Excellent plant

68

RU800210

Early seps, var



69

RU8403069

169

7/2

8/3

91

263

7/2

8/3

98

LBNT//9881/

374

7/1

8/1

90

331581

476

6/29

8/1

88

(315)

vld borders

IG-1(1)

Gen. good

Dt

Prob. replace ?

70

RU8201071

170

7/14

8/20

126

273

7/13

8/20

128

BNT3/STBN

368

7/13

8/20

127

463

7/13

8/20

126

Tall, leafy &amp; late

1st

71

Costa Rica 1113

171

7/12

8/13

96

267

7/13

8/13

91

PI408378

376

7/14

8/13

95

466

7/14

8/13

92

1st

72

RU8203141

172

7/4

8/17

105

269

7/4

8/13

103

NTAI//9545/

364

7/3

8/17

109

NOVA

462

7/3

8/13

108

(Puerto Rico)

ico 1

B7439AI-48-1-4-BK

-2-2-BK

## Ratoon

|   | gm/plot | Hv<br>date | lb/A        |  |  |  |
|---|---------|------------|-------------|--|--|--|
| 0 | 290     | 10/30      |             |  |  |  |
| 0 | 333     | 10/30      |             |  |  |  |
| 0 | 357     | 10/25      |             |  |  |  |
| 0 | 383     | 10/25      |             |  |  |  |
|   |         |            | <u>1751</u> |  |  |  |

20

0

0

0

0

0

0

0

0

0

0

0



69

RU840306

LBNT//9881/

331581

(315)

h/d borders

Gau. pond

Pond. nph

70

RU820107

BNT3/STBI

Tall, leafy

71

Costa Rica 11

PI408378

72

RU820314

NTAI//9545,

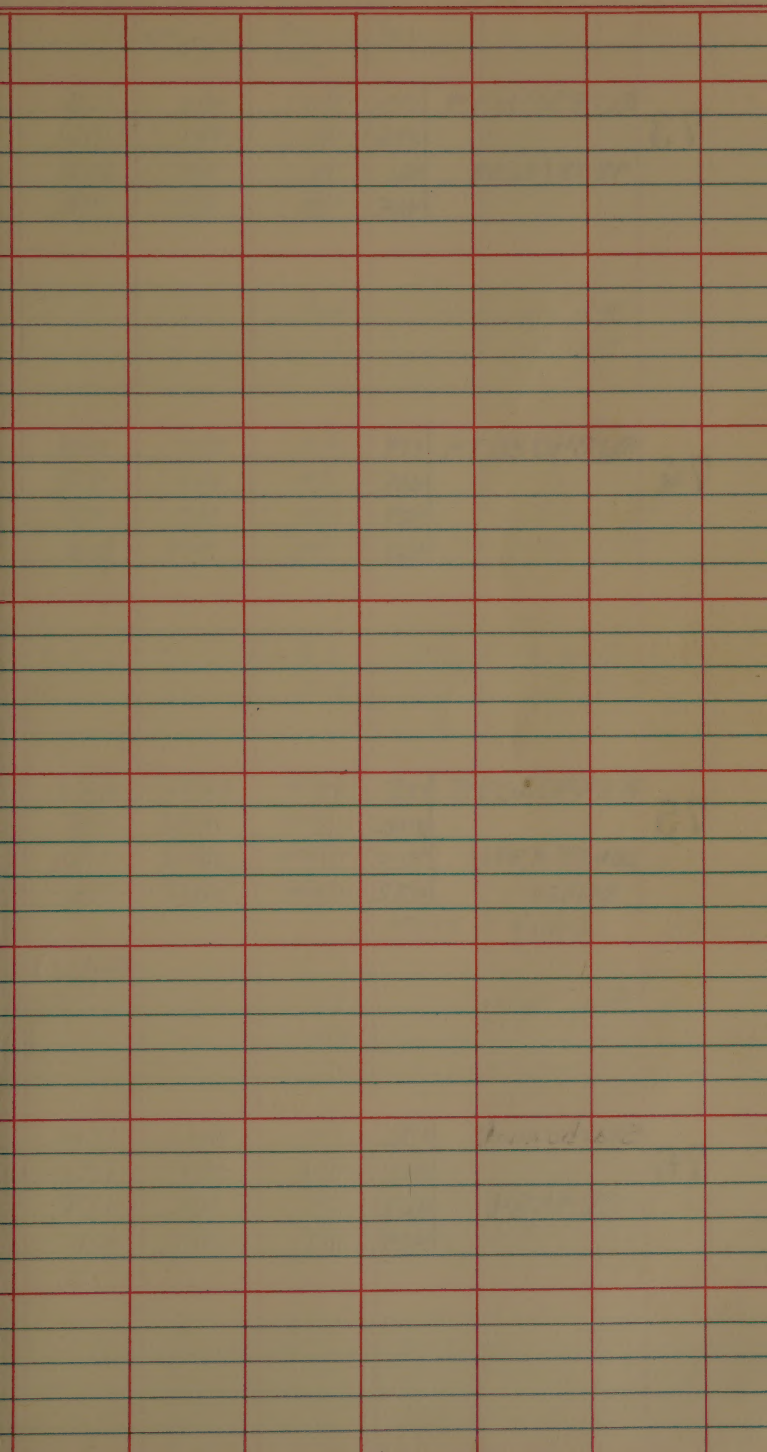
NOVA

(Puerto Rico)

Rico 1

BT439AI-48-1

-2-2-BK



73

RU8301139

173

7/11

8/17

100

276

7/11

8/17

106

9878/9633

361

7/11

8/17

101

465

7/10

8/17

99

Early SepS, many!

mag

Noct, II, I

74

RU8402074

174

7/13

8/17

100

265

7/13

8/17

97

369

7/13

8/17

97

461

7/13

8/17

100

Expellent Dy, late

lyt

YUF

75

RU8403075

175

7/3

8/2

85

270

7/2

8/1

82

LBNT//9881

365

7/1

8/1

79

331581

472

7/1

8/1

80

Hold borders

(314)

IG-1(1)

Pole, replace

Dm

YUF

76

Starbonnet

176

7/15

8/17

121

266

7/14

8/17

119

CI 9584

362

7/14

8/17

125

469

7/15

8/17

121

122

## Ratoon

|   | gm/plot | Hv<br>date | lb/A |  |  |  |
|---|---------|------------|------|--|--|--|
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
| 0 | 336     | 10/30      |      |  |  |  |
| 0 | 337     | 10/25      |      |  |  |  |
| 0 | 318     | 10/25      |      |  |  |  |
| 0 | 366     | 10/25      |      |  |  |  |
|   |         |            | 1744 |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
|   |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |
| 0 |         |            |      |  |  |  |



73

RU830113

9878/963

Early seqs, m

Noct, II, 3

74

RU84020

Excellent D.

75

RU840307

LBNT//9881

331581

(314)

Av'd borders

Prok. replace

76

Starbonnet

CI 9584

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

Seeded 4/6/84

South border VSTA  
North border BOND

|              |                                    |     | HEAD         | H.V. | H.T.     |
|--------------|------------------------------------|-----|--------------|------|----------|
| 81           | RU8401081                          | 102 | 7/3          | 8/7  | 115      |
|              |                                    | 309 | 7/1          | 7/30 | 101      |
|              | BP87/9902                          |     |              |      |          |
|              |                                    |     | lgt<br>owned |      |          |
| 82           | RU8402082                          | 213 | 6/26         | 8/7  | 116      |
|              |                                    | 407 | 6/26         | 8/1  | 110      |
|              | RKRO/BROS// FORT/3/<br>TIH4/4/L110 |     |              |      |          |
|              |                                    |     | mgt          |      |          |
| 83           | RU8203085                          | 202 | 7/1          | 8/1  | 91       |
|              |                                    | 308 | 6/29         | 7/30 | 81       |
|              | NWRX/LMNT                          |     |              |      |          |
| Avid borders |                                    |     |              |      |          |
|              | (83)                               |     |              |      |          |
|              | Flap too long?                     |     | VWF          |      | ♀        |
|              |                                    |     |              |      | IG-1 (1) |
| 84           | RU8201089                          | 210 | 6/27         | 8/2  | 118      |
|              |                                    | 313 | 6/27         | 8/2  | 119      |
|              | STBN/9837                          |     |              |      |          |
|              |                                    |     | lgt          |      |          |





Seeded 4/6/84

81

RU840108

BP87/9902

82

RU840208

RXRO/BROS//

TIH4/4/L110

83

RU820308

NWRX/LMN

wild borders

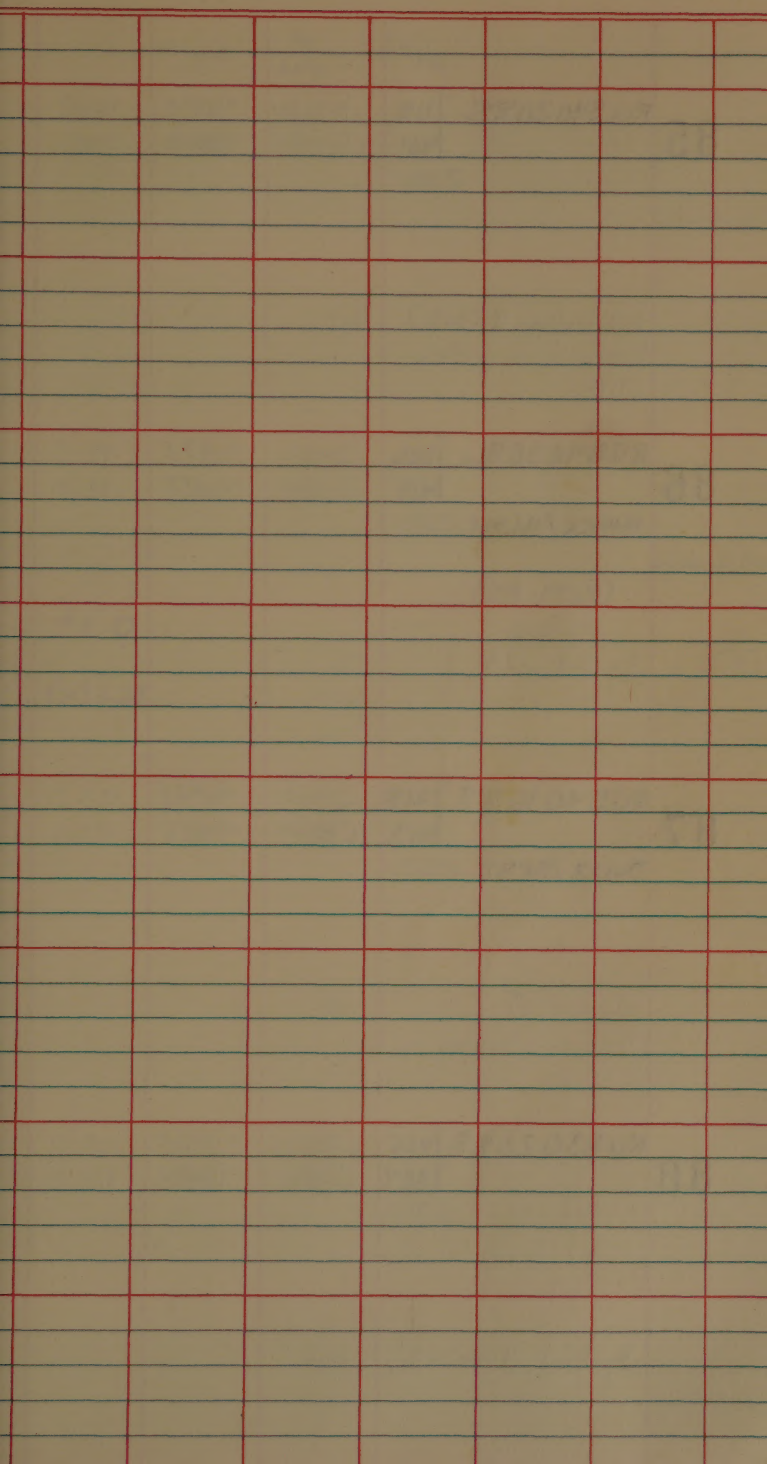
(83)

Flag too low

84

RU820108

STBN/983



85

RU8402085

118

6/22

7/27

100

401

6/21

7/25

98

Bird feeding, II (50%)

1gt

Uneven mat. within  
plots

86

RU8403086

206

6/25

7/27

79

419

6/24

7/27

72

NWRX/BLMT

tv'd borders

(2679-83)

83/1210

♀ 1+

Excelled plant

Ds

VUF

IG-1 (4)

UHM

87

RU8401087

218

6/29

8/1

123

413

6/26

7/30

123

DW22/BP87

bird nest (I)

1gt

Tall and lanky

88

RU8302088

215

6/26

7/30

105

307

6/25

7/30

101

Pop B cut 4 rows x 8'

mgt





85

RU840208

Bird Seeding, II  
Uneven mat. w  
plots

86

RU840308

NWRX/BLM

W/d borders

(2679-83)

83/1210

Excellant plant



87

RU840108

DW22/BP87

bird nest (I)  
Tall and low

88

RU830208

Pop B cat 4 re



|              |                                        |     |                |      |         |
|--------------|----------------------------------------|-----|----------------|------|---------|
| 89           | RU8303089                              | 203 | 6/30           | 8/1  | 89      |
|              | B76TA2-18-5                            | 310 | 6/29           | 7/30 | 88      |
|              | -Bk-3-2-2-1-Bk                         |     |                |      |         |
| Hv'd borders |                                        |     |                |      |         |
|              | (3536-39)                              |     |                |      |         |
|              |                                        |     | UHM            |      | Q       |
|              | Excellent, met                         |     | D              |      |         |
|              |                                        |     | UHM            |      | IG-1(1) |
| 90           | RU8401090                              | 211 | 6/28           | 8/7  | 111     |
|              |                                        | 406 | 6/28           | 8/1  | 108     |
|              | CRT6/NATO                              |     |                |      |         |
|              |                                        |     |                |      |         |
|              | mgt                                    |     |                |      |         |
| 91           | RU8102093                              | 119 | 7/4            | 8/13 | 120     |
|              |                                        | 304 | 7/3            | 8/7  | 120     |
|              |                                        |     |                |      |         |
|              | mgt                                    |     |                |      |         |
| 92           | RU8403092                              | 106 | 7/3            | 8/7  | 95      |
|              |                                        | 315 | 7/2            | 8/1  | 96      |
|              | NWRX/BLMT                              |     |                |      |         |
| rd borders   |                                        |     |                |      |         |
|              | (1215)                                 |     |                |      |         |
|              |                                        |     |                |      | Q 1+    |
|              | Var. Lt. ; tell off-types<br>Required! |     | D <sub>T</sub> |      | IG-1(4) |
|              | Upgrade used at<br>down                |     |                |      |         |





89

RU830308

BT67A2-18-

-Br-3-2-2-1-

w/d borders

(3536-39)

Excellent; rest

90

RU8401091

CR76/NATO

91

RU810209

92

RU840309

NWRX/BLMT

d borders

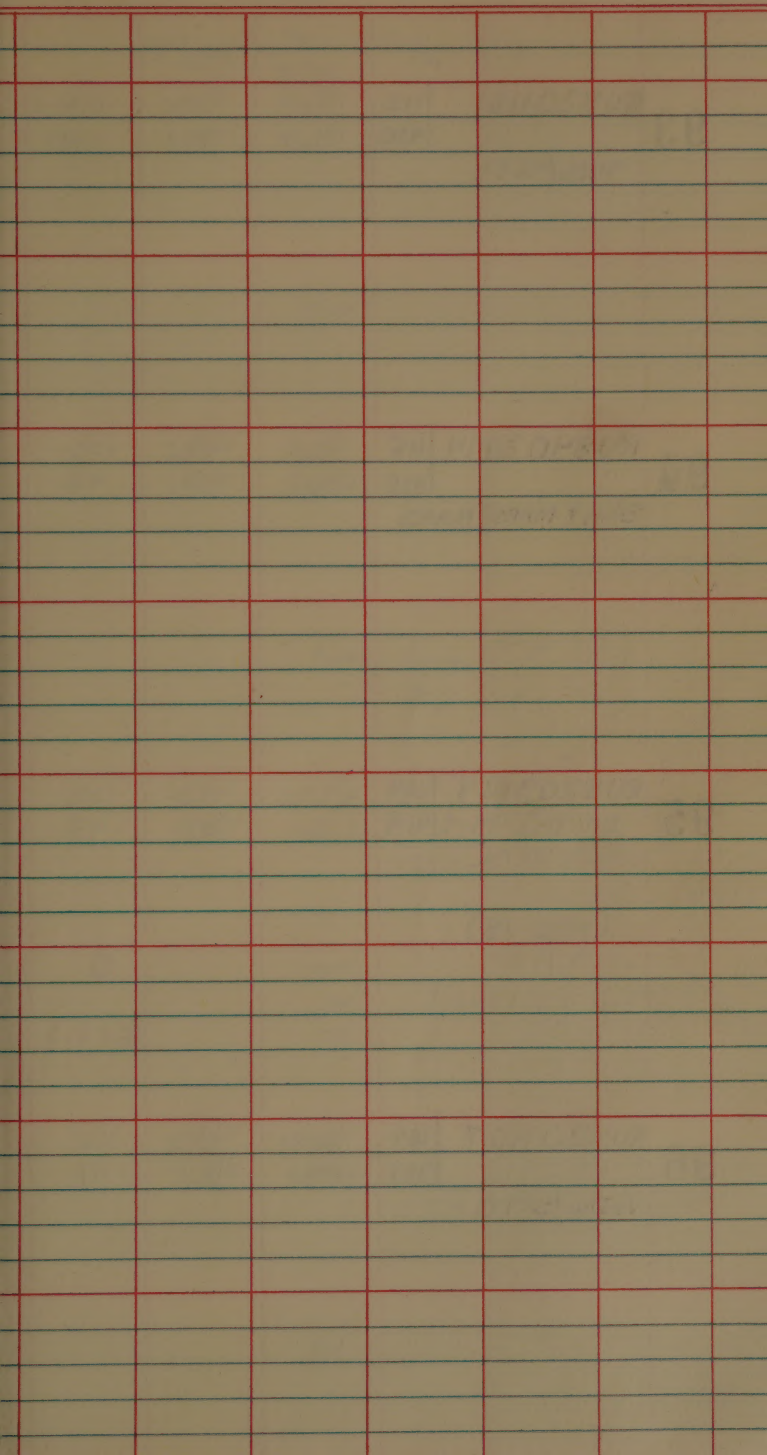
(1215)

Var. Ht.; tall of

Regard!

Upgrade me

den



93

RU8201101

112

7/5

8/14

120

420

7/4

8/15

118

9906/9633

mgt

94

RU8402094

115

7/2

8/13

102

320

6/30

8/13

98

Short MARS/MARS

more sterile powder;  
unusual gran. mat.

mgt

95

RU8203129

204

6/27

7/27

100

BT6TA2-14-9/414

6/26

7/27

95

-2-2-2-Bx

Hvd borders

(3526-28)

83/95

VHM

Q

I came in  
83/824

Gen. very good material

Ns

AF

IG-1 (1)

96

RU8201107

109

7/2

8/7

116

302

6/29

8/1

117

V6DW/STTD

1qt





93

RU820110

9906/9633

94

RU84020

Short MARS

max stile  
unseen part

95

RU820312

B767A2-1

-2-2-2-B

v'd borders

(3526-28

83/95

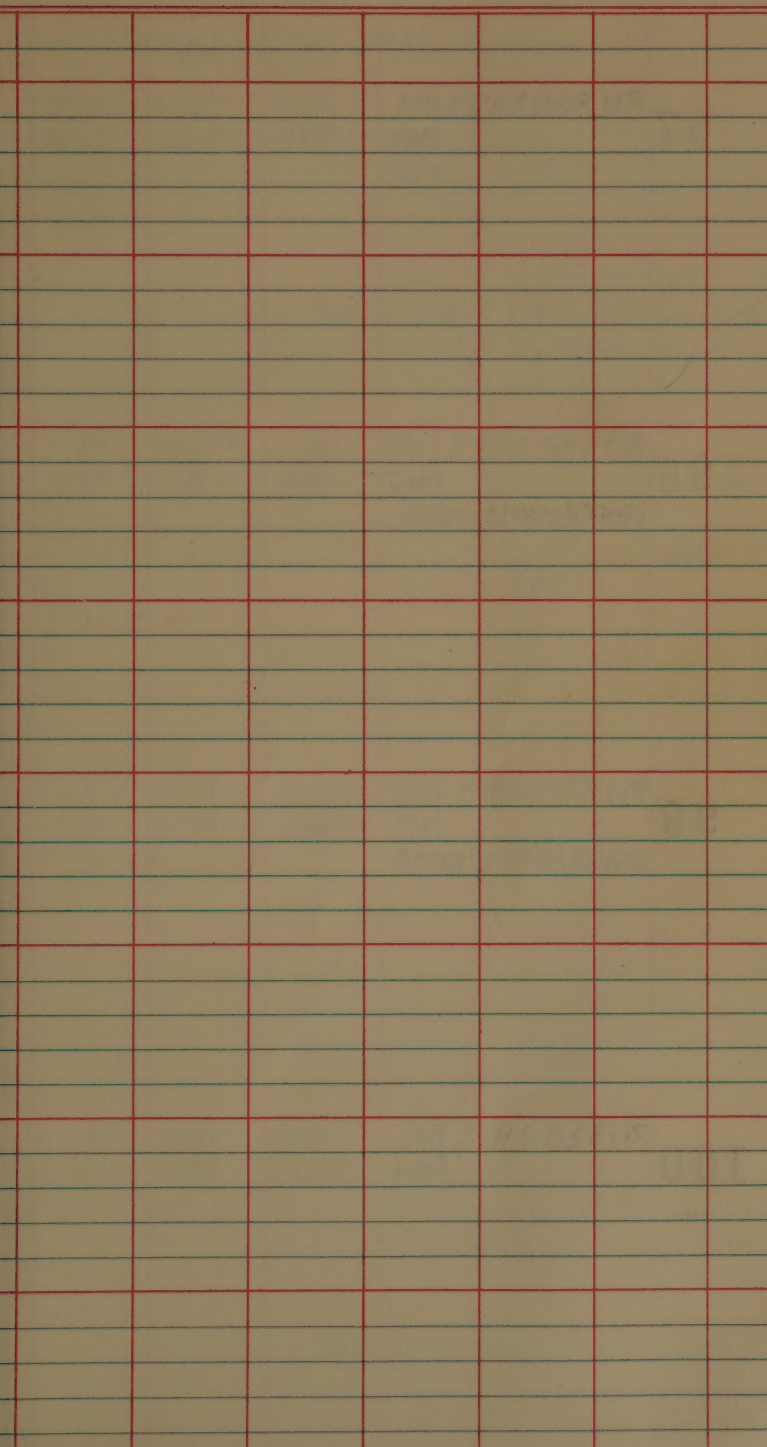
some in  
83/824

Gen. very good v

96

RU820110

V6DW/STTI



97

RU8002099 | 113  
303

6/30

8/1

110-140

6/30

8/2

112-140

Early segs! Variable!

mgt

Variable as  $F_2^0$ 

98

RU8303098 | 219  
415

7/2

8/2

104

6/29

8/1

92

LBNT//9881/331581

v/d borders

(98)

IG-1 (1)

HF, wide

DT?

99

RU8301099 | 205  
412

6/26

8/1

110

6/26

8/1

118

DW22/BP87//BN13

lgt

100

RU8202102 | 111  
404

6/28

8/1

128

6/26

7/30

120

mgt





97

RU800209

Early sags! Var

Variable as F<sub>2</sub>

98

RU830309

LBNT//9881/33

old borders

(98)

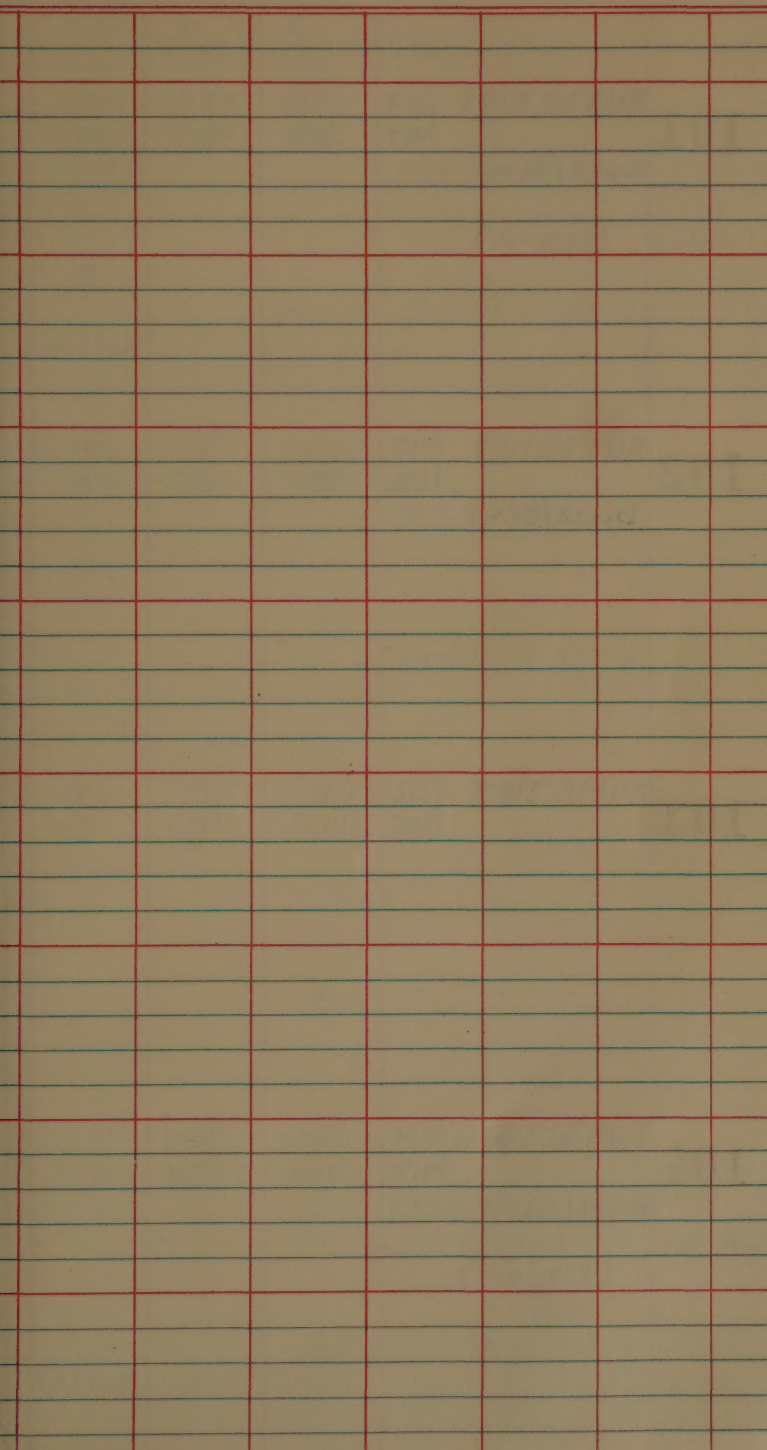
99

RU830109<sup>c</sup>

DW22/BP87//

100

RU820210<sup>c</sup>



101

RU8303101

208

6/30

8/2

115

417

6/28

8/1

104

NWRX/BLMT

old borders

(3008-12)

Pencil-like NWRX plant

tip awns

9

IG-1 (6)

102

RU8301102

110

6/29

8/7

128

306

6/27

7/31

120

DW22/BP87

1gt

long pencils; willow-like  
stems

103

RU8102105

212

7/4

8/7

123

305

7/4

8/7

118

mgt

104

RU8303006

214

7/1

8/1

92

418

6/29

7/27

81

NWRX/BLMT

old borders

(2720-23)

83/6

Gen. very good

DM

AF

IG-1 (3)





101

RU830310

NWRX/BLM

tv'd borders

(3008-12)

Possible NWRX

102

RU830110

DW22/BP8

long panels; no  
stems

103

RU8102105

104

RU830300

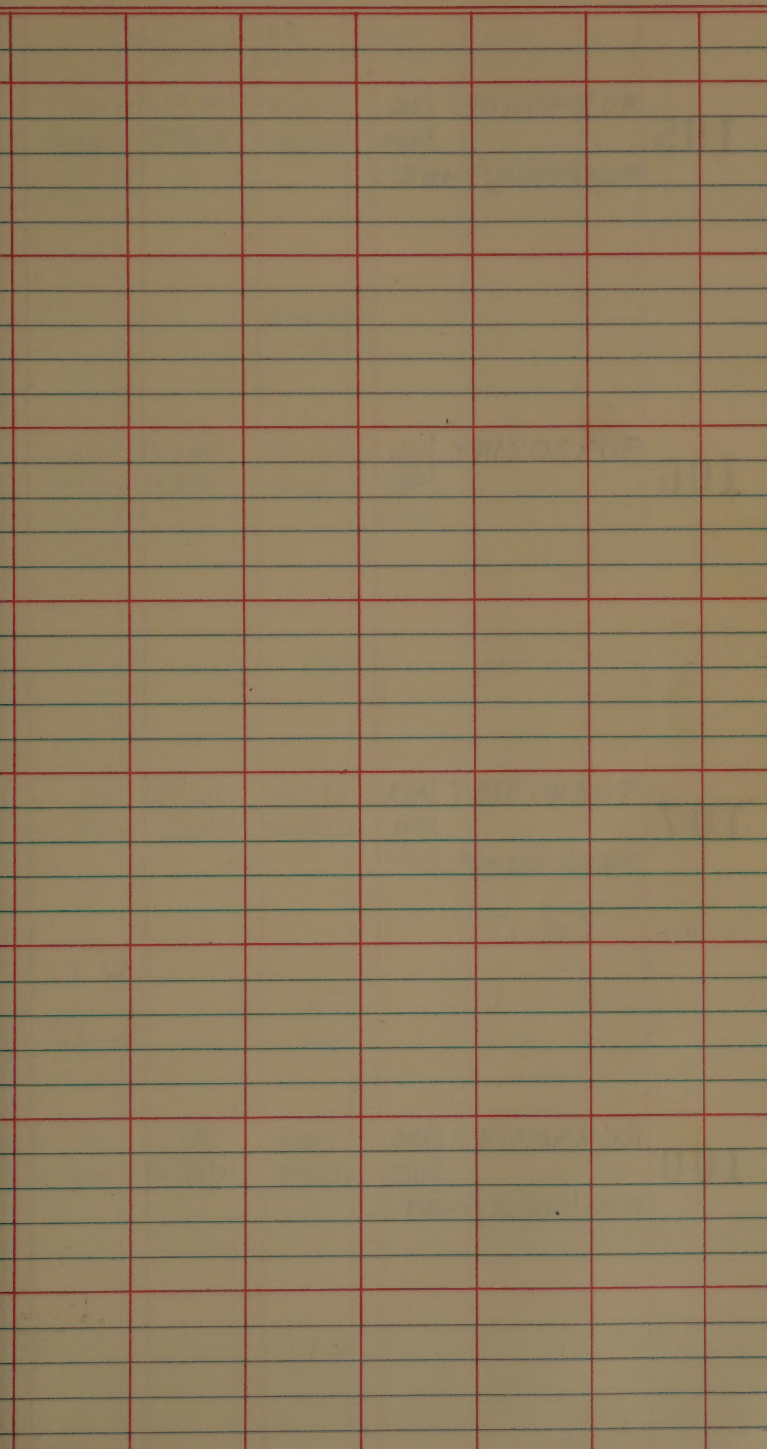
NWRX/BLMT

tv'd borders

(2720-23)

83/6

Gen. very good



105

RU8401105

216

6/27

8/2

105

408

6/27

8/1

100

M101//95GR/T487

purple awns  
mgt

106

RU8202108

116

6/29

7/30

123

405

6/26

7/30

120

tall &amp; leafy

mgt

107

RU8403107

103

7/1

7/30

83

311

6/28

7/30

79

NWRX/BLMT

Hv'd borders

(1217)

Excellent plant

Ds

Hum

91

IG-1(1)

108

RU8301108

220

6/29

8/7

105

403

6/27

8/1

100

M101//95GR/T487

mgt





105

RU8401105

M101//95GR/T

106

RU8202105

*tall & leafy*

107

RU840310

NWRX/BLMT

*v'd borders*

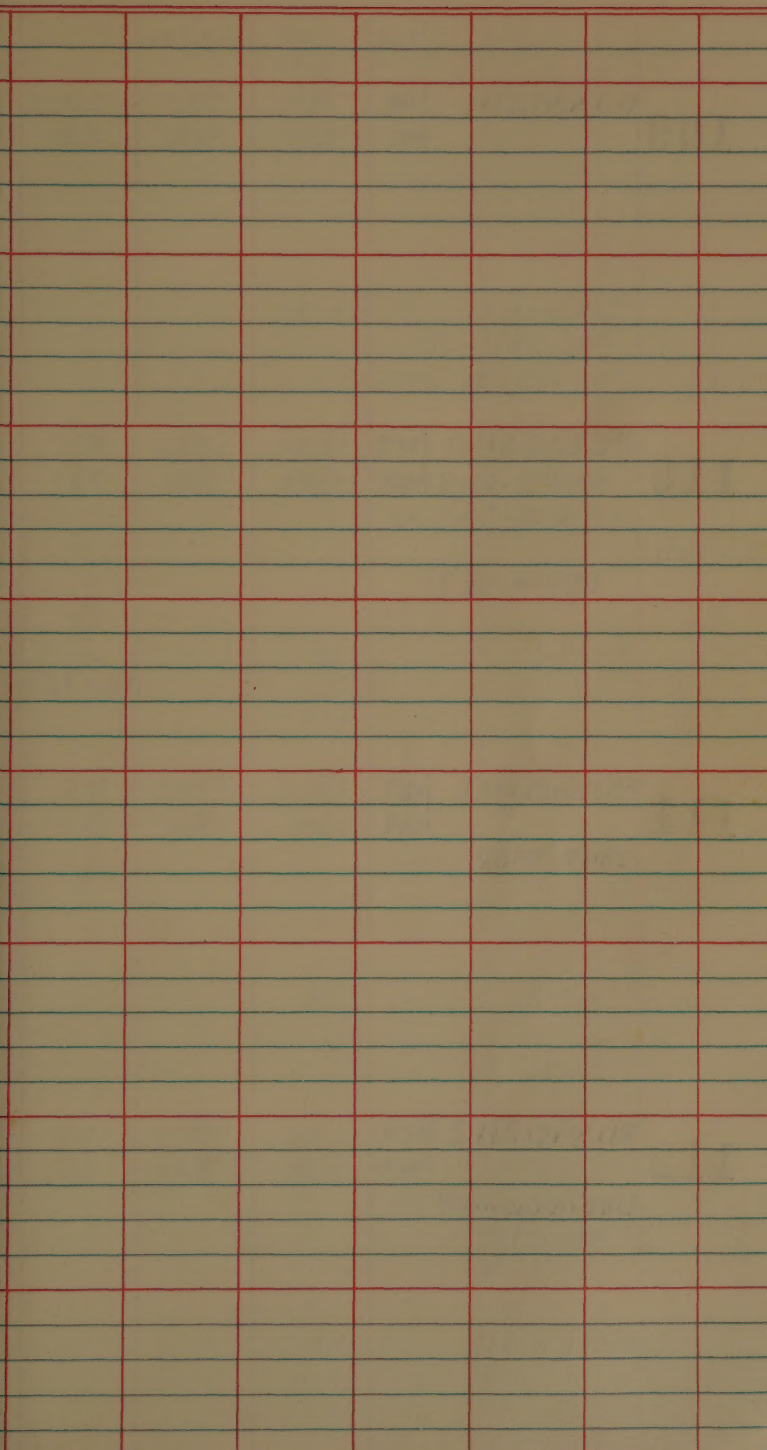
*(1217)*

*Excellent plant*

108

RU8301105

M101//95GR/T



109

RU8002111

101

7/9

8/16

120

411

7/9

8/13

130

Early segs

Very tall, mgt

Variable; poss possible

mgt

110

RU8303110

217

6/29

7/30

80

B76A2-62-8

409

6/29

7/27

77

- 2-2-3-BK

Hv'd borders

(345A-58)

↗

Excellent

lgt

Dms

VUF

9

IG-1 (2)

111

RU8401111

107

7/3

8/7

101

319

6/29

8/2

106

LBNT/9902

lgt

112

RU8402112

120

6/29

7/30

106

317

6/28

7/30

95

LBLE/RR6001C //

70-1717

parrot beaks!

lgt





109

RU800211

Early segs  
Very tall  
Variable, po

110

RU830311

BT6TA2-6  
- 2-2-3-B

Avld borders

(3454-5)



Excellent

111

RU840111

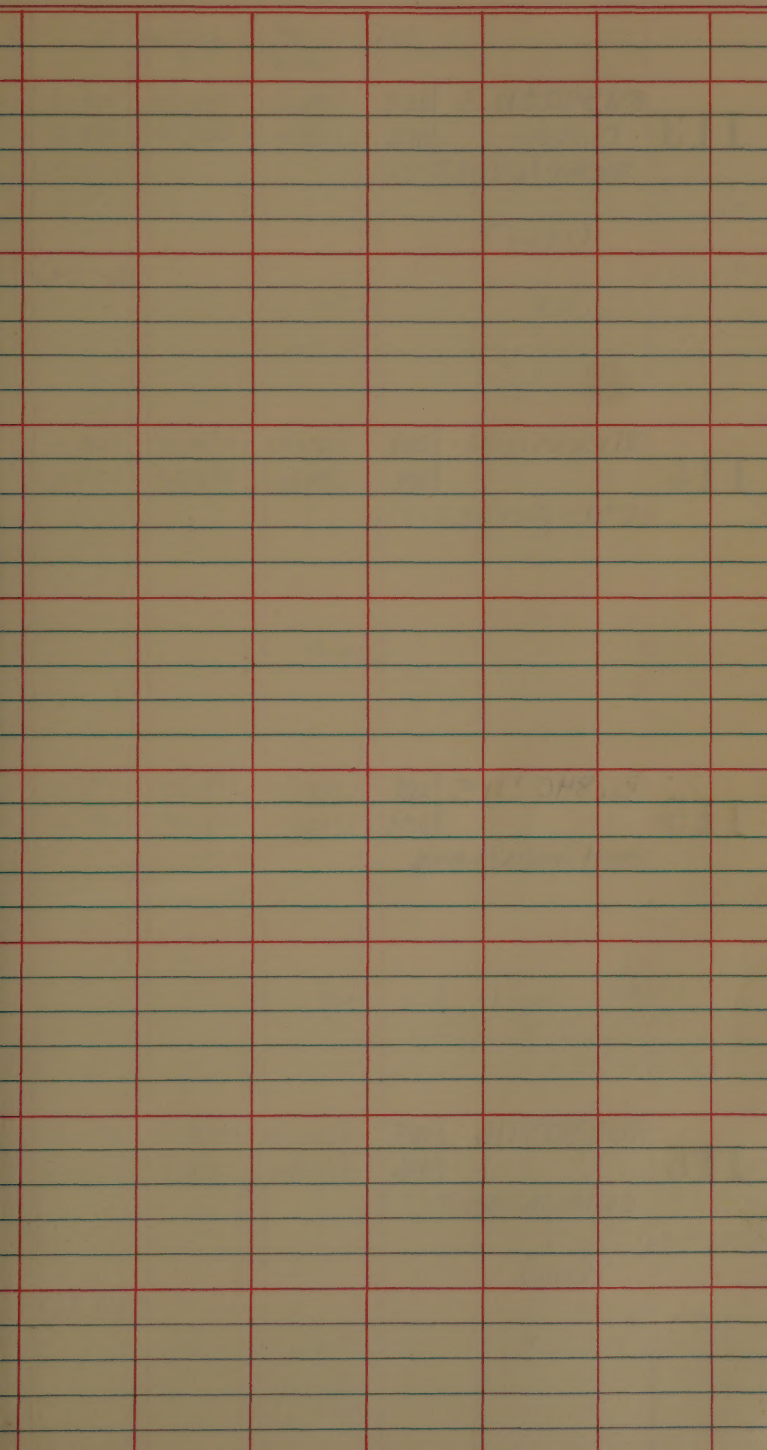
LBNT/9902

112

RU840211

LBLE/RR60011  
70-1717

parrot boards!



113

RU8403113

207

6/25

7/31

94

C622A-

312

6/25

8/2

94

SKAT/L201



(1261)

Hv'd borders

IG-1 (4)

Excellent

Dt

Uganda from  
breeding season

red UHM

114

RU8301114

209

6/30

8/1

108

301

6/29

8/1

107

CSLI/NTAI

mgt

115

RU8402115

201

6/30

8/7

93

314

6/30

8/7

99

Short MARS/MARS

Better than 22; less  
pan. problems; short  
& sturdy

mgt

116

RU8303116

105

6/28

7/27

85

416

6/25

7/27

80

C611A-BK-30

Hv'd borders

(116)

IG-1 (6)

Excellent

UHM

DMS

HF?; short





113

RU8403113

C622A-

SKAT/L20



(1261)

Hv'd borders

Excellent

Upgraded from  
breaking mirror

114

RU8301114

CSLI/NTA ✓

115

RU8402115

Short MARS/M

Better than 22  
pan. polished;  
& steady

116

RU8303116

C611A-BK-3C

Hv'd borders

(1116)

Excellent



117

M201

117

6/26

8/1

83

410

6/26

8/1

84

118

Nanking

108

7/1

8/7

95

318

7/2

8/7

92

(Nanjing II)

119

L202

104

6/27

8/7

87

316

6/26

7/31

85

h/d borders

Unseen mat. on pan.  
(green broad grains)

HF

120

S201

114

7/3

8/14

102

402

7/2

8/14

105

CI 9974

Sewer PB





117

M201

118

Nanking

(Nanjing II)

119

L202

lv'd borders

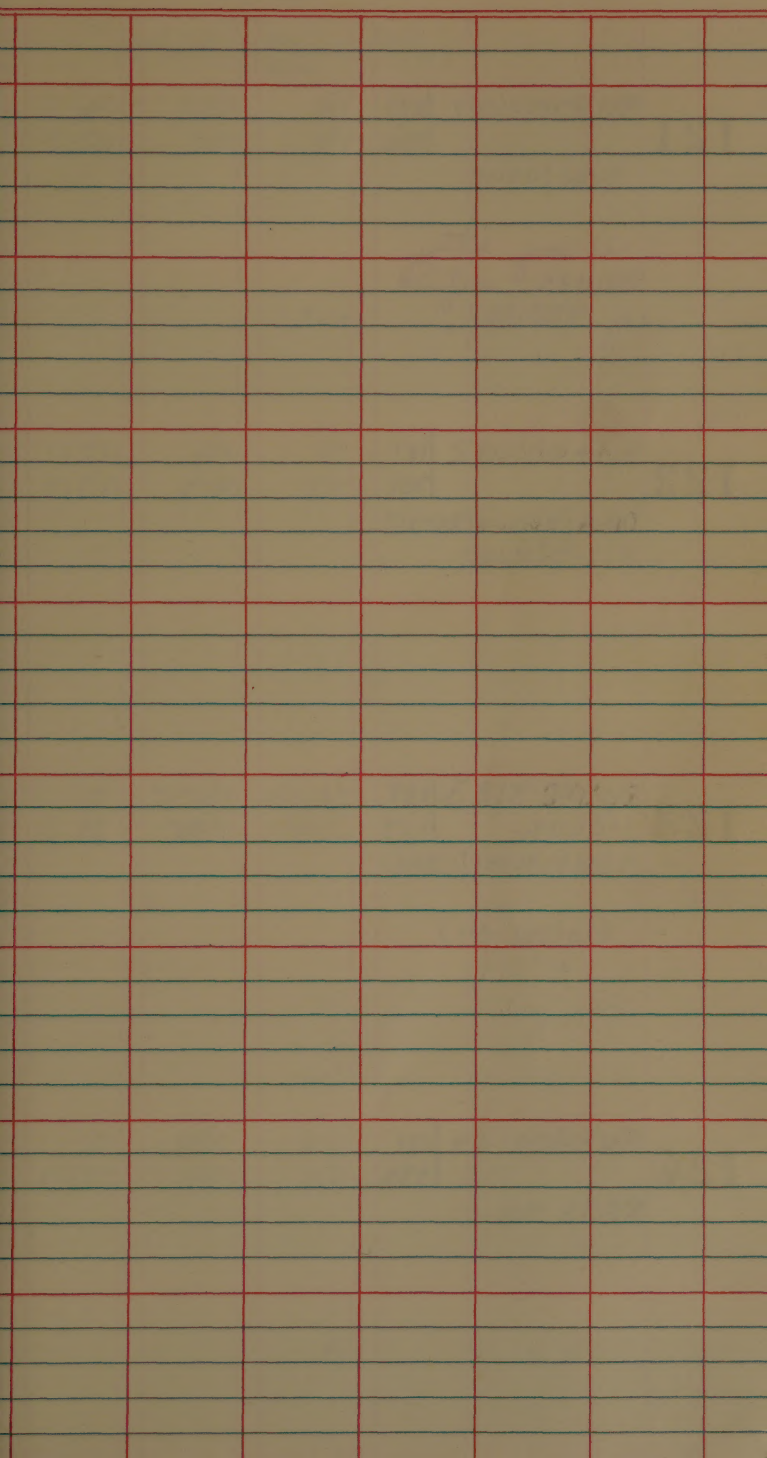
Unseen crest. or  
Cypress. found a

120

S201

CI9974

Sewer PB



Seeded 416184

South border BRAZ

North border NWRX

121

RU8201127

232

7/4

8/20

116

336

7/4

8/15

112

9680/9841

Wrong entry  
8101124 instead  
of 8201127

mg+

122

RU8302112

127

7/9

8/16

117

331

7/7

8/13

110

DLA/3/DAW/245717

113-D/RXRE

1gt

123

RU8403123

137

7/1

8/2

93

C611A-

327

6/29

7/30

88

9881/331581/L201

fold borders

(10002-04)

83/579

Very good

HF

Dmt

Umm

124

RU8401124

121

7/13

8/20

118

333

7/11

8/16

120

RA73 Sol.

Visible heading

1gt





Seeded 4/6/84

121

RU820112'

9680/9841

Wong in  
8101124 in  
of 8201127

122

RU830211'

DILA/3/DAWU/

//13-D/RKRE

123

RU840312'

CG11A-

9881/331581

w/d borders

(10002-0'

83/579

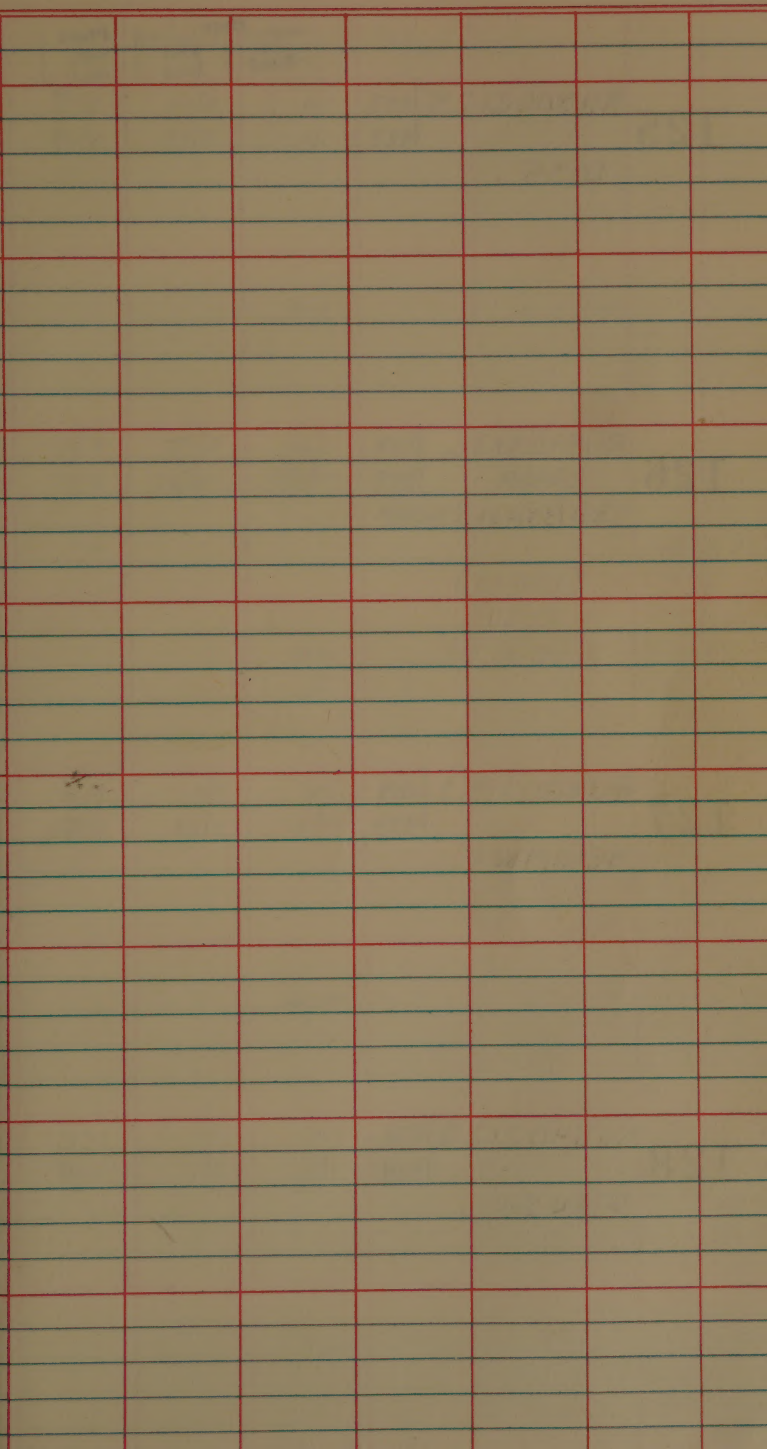
Very good

124

RU840112'

RA73 Sel.

Variable heading



|              |                   |     | Date           |              | Plant<br>hgt.<br>(m.) |
|--------------|-------------------|-----|----------------|--------------|-----------------------|
|              |                   |     | 1st<br>Head    | Full<br>Rise |                       |
| 125          | RU8002125         | 233 | 7/8            | 8/13         | 105                   |
|              |                   | 427 | 7/7            | 8/13         | 107                   |
|              | L035              |     |                |              |                       |
|              |                   |     |                |              |                       |
|              |                   |     |                |              |                       |
|              | Early seqs        |     | 19+            |              |                       |
|              |                   |     |                |              |                       |
| 126          | RU8403126         | 124 | 7/6            | 8/13         | 97                    |
|              | C610A             | 337 | 7/2            | 7/31         | 82                    |
|              | 9881/331581//SKBT |     |                |              |                       |
| Hv'd borders |                   |     |                |              |                       |
|              | (13711-72)        |     |                |              |                       |
|              | 83/611            |     |                |              |                       |
|              | Excellent plot    |     | VUF            |              |                       |
|              |                   |     | D <sub>m</sub> |              |                       |
|              |                   |     |                |              |                       |
| 127          | RU8201151         | 129 | 7/4            | 8/16         | 116                   |
|              |                   | 433 | 7/3            | 8/20         | 115                   |
|              | 9880/9805         |     |                |              |                       |
|              |                   |     |                |              |                       |
|              |                   |     |                |              |                       |
|              |                   |     | mgt            |              |                       |
|              |                   |     |                |              |                       |
| 128          | RU8402128         | 236 | 7/5            | 8/9          | 117                   |
|              |                   | 324 | 7/3            | 8/7          | 124                   |
|              | STRN Sel.         |     |                |              |                       |
|              |                   |     |                |              |                       |
|              |                   |     |                |              |                       |
|              |                   |     | mgt            |              |                       |





125

RU80021

L035

Early 50s

126

RU840312

C610A

9881/331581

Hv'd borders

(1371-72

83/611

Excellent pl

127

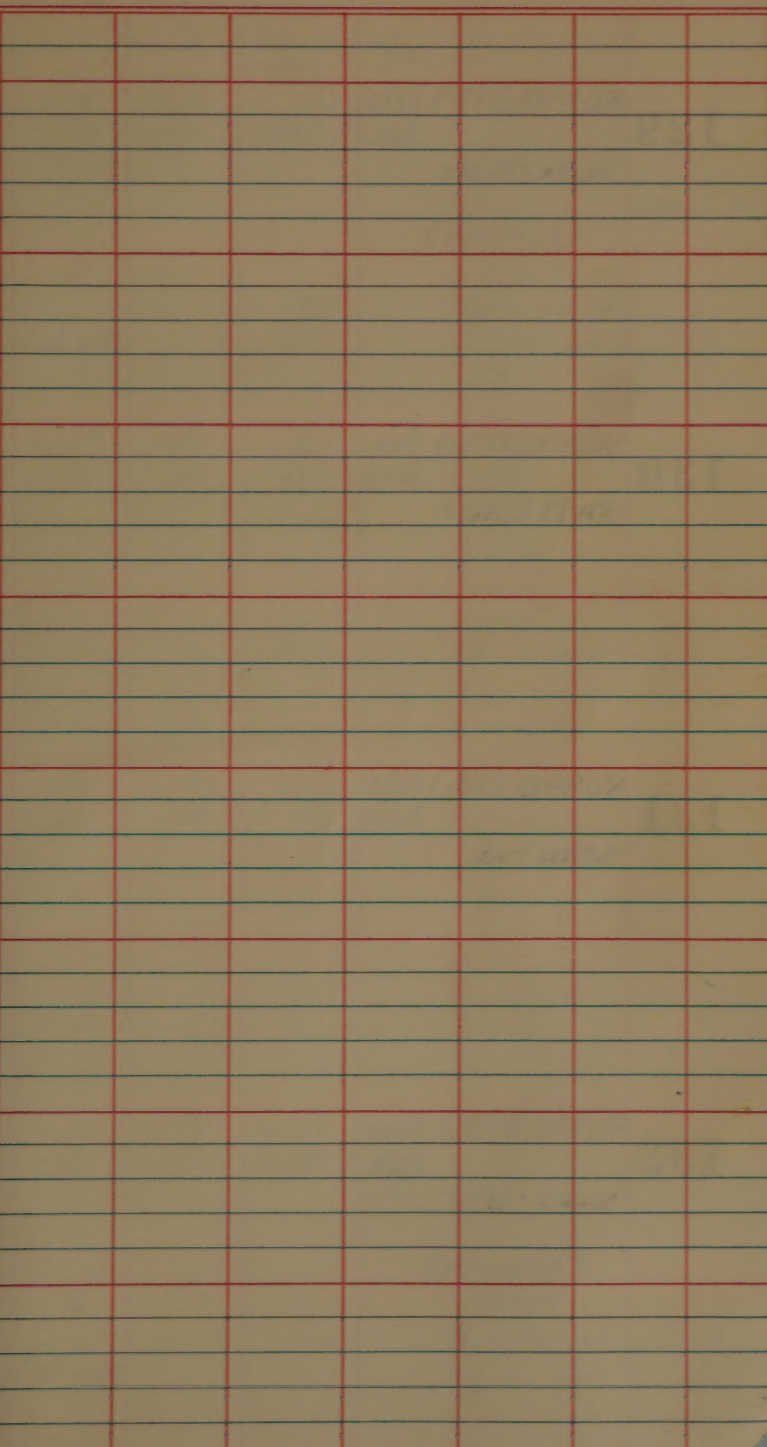
RU820115

9880/9805

128

RU840212

STRN Sol.



129

RU8403129

222

6/27

7/27

89

326

6/26

7/27

87

NWRX/BLMT

Hv'd borders

(2653-57)

83/302

Q

Excellent plant

VUF

less tillers?

UHM

IG-1 (1)

130

RU8401130

131

7/16

8/20

96

438

7/16

8/16

98

RAT3/LBNT

Excellent plant

VUF

131

RU8402131

223

7/9

8/9

113

434

7/9

8/13

116

STRN sd.

Early segs

rqt

132

RU8403132

240

7/3

8/7

92

328

7/3

8/7

88

NWRX/BLMT

(3050-54)

83/516

Q

Excellent plant

VUF

poor at end I,

IG-1 (4)





129

RU840312

NWRX/BLM

Hv'd borders

(2653-5

83/302

Excellent plant

less tillers?

130

RU8401131

RA73/LBW

Excellent plant

131

RU840213

STRN Sel.

Early segs

132

RU840313

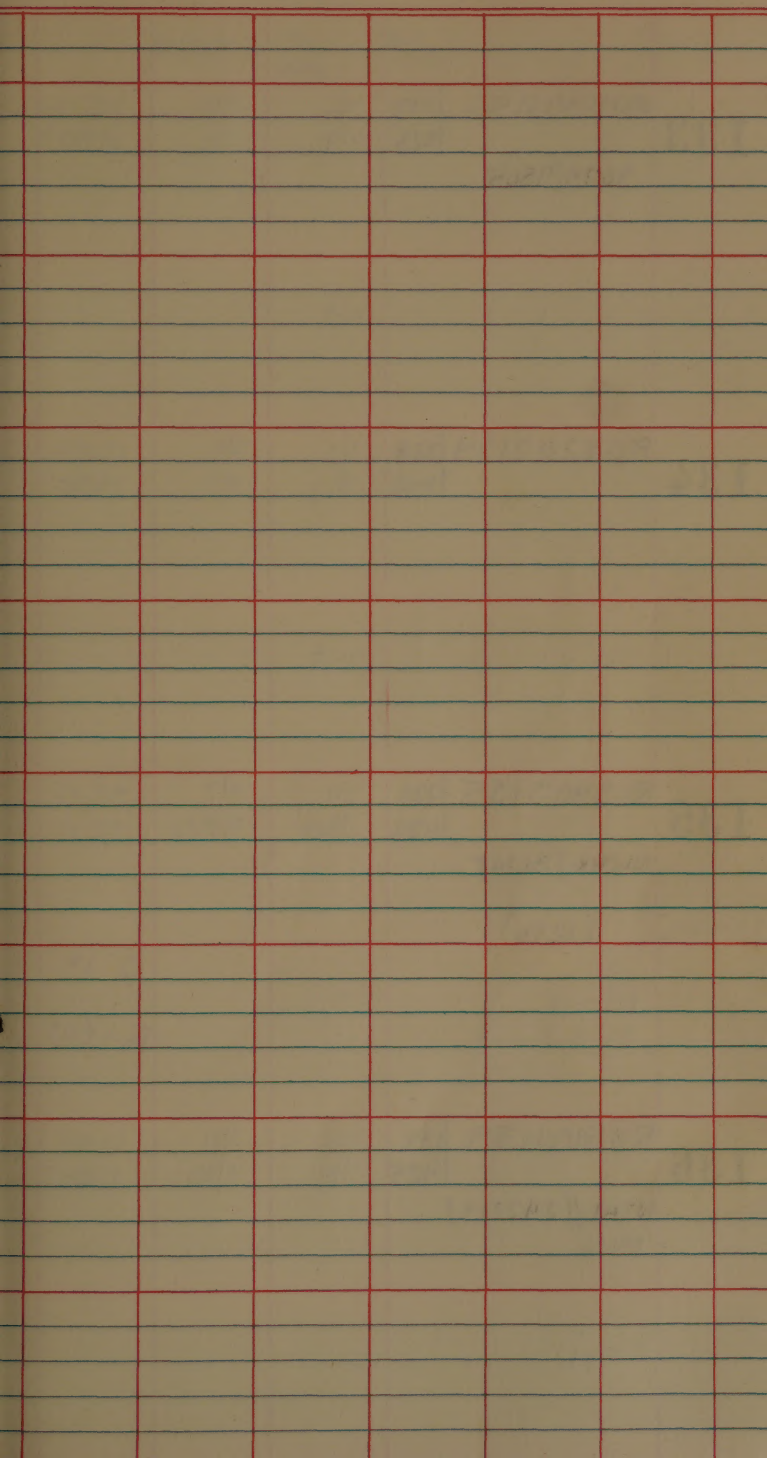
NWRX/BLM

(3050-5

83/516

Excellent plant

poor at root



133

RU8201156

239

7/6

8/20

115

323

7/4

8/16

118

9879/9805

mgt

134

RU8202134

228

7/1

8/9

127

340

7/1

8/9

130

tall and weak

mgt

135

RU8403135

221

7/4

8/7

92

432

6/30

8/2

92

NWRX/BLMT

w/d borders

(1218)

Q. 1+

tall seeps

VUF, long

Excellent plant

IG-1 (4)

136

RU8101159

139

7/14

8/21

120

425

7/14

8/20

120

NTAT // 242214 /

NV66

Canopy!





133

RU8201151

9879/9805

134

RU820213

tall and wide

135

RU8403131

NWRX/BLM

w/d borders

(1218)

tall seeps

Excellent plant

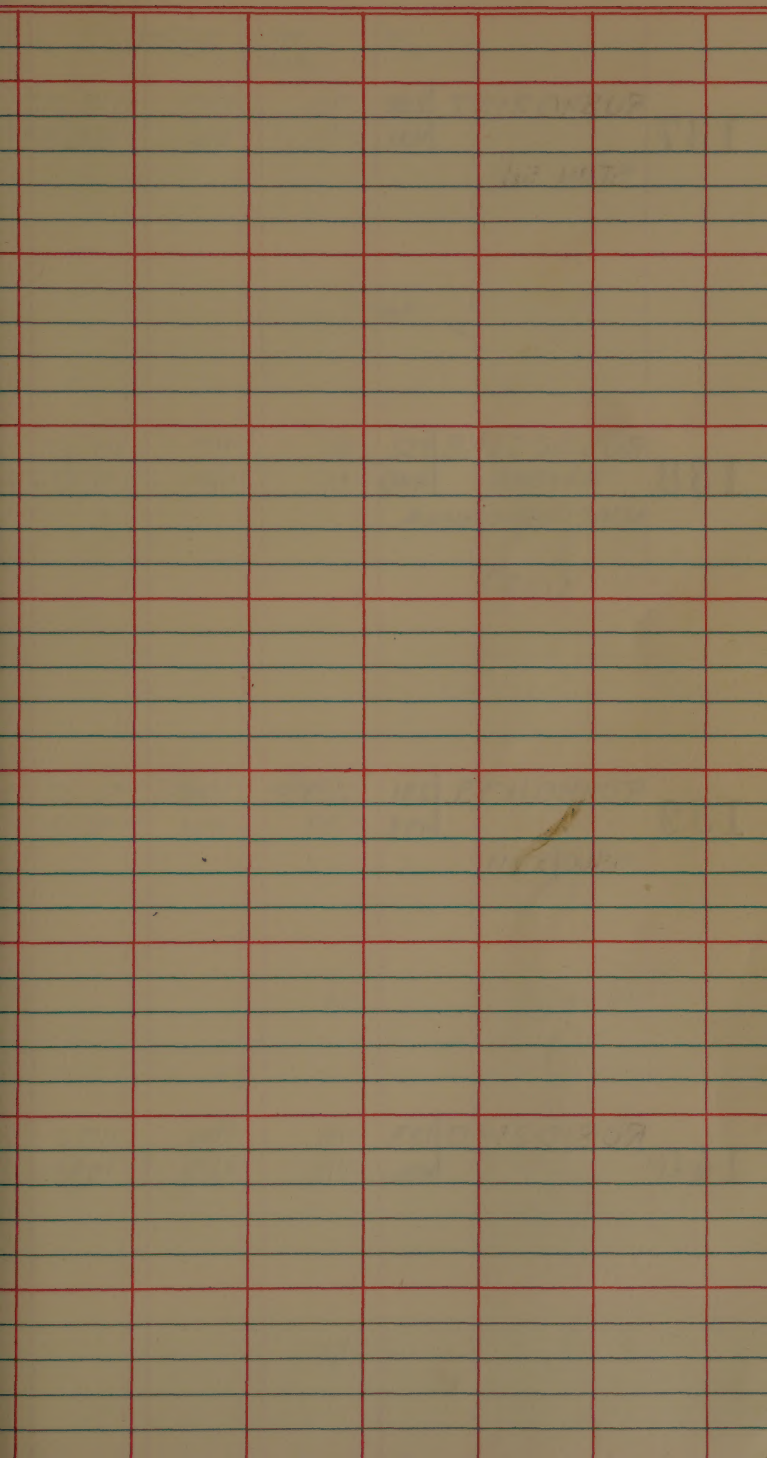
136

RU8101150

NTAT//24221

NV66

Canopy!



137

RU8402137

238

7/13

8/20

118

421

7/13

8/16

120

STRN Sel.

138

RU8303138

132

7/11

8/29

111

B7439A-

440

7/11

8/29

111

NTAI//9545/NOVA

(138)

Severe canopy

Slower pro. mat.

139

RU8401139

231

6/29

7/30

96

437

6/27

7/30

96

9860/9841

tall segs, many!

lgt

140

RU8102140

133

7/14

8/20

110

426

7/12

8/13

109

lgt





137

RU840213'

STRN Sel.

138

RU830313

B7439A-

NTAI//9545/

(138)

Severe canopy

Slower grow. m

139

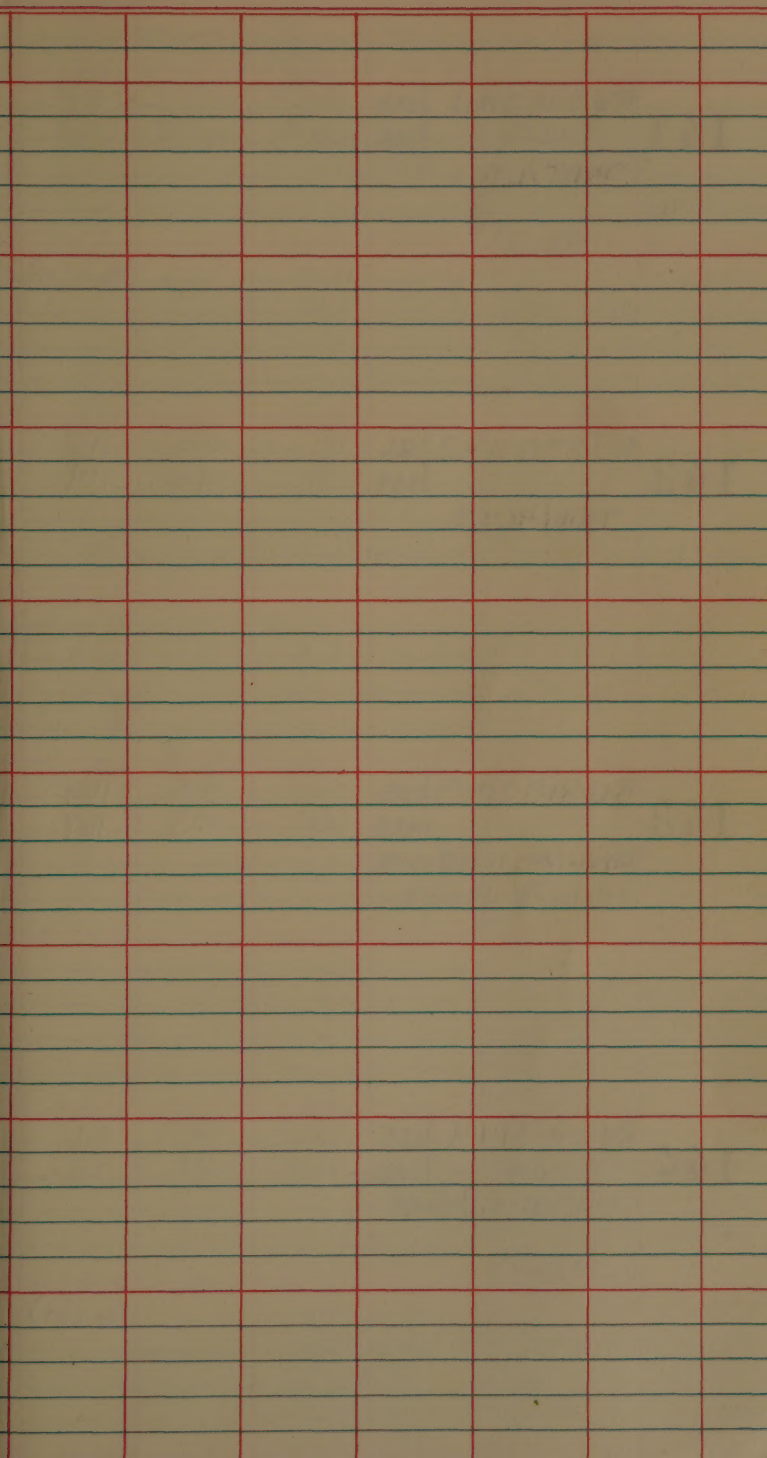
RU840113'

9860/9841

tall segs, many!

140

RU810214



|              |                    |     |      |      |          |
|--------------|--------------------|-----|------|------|----------|
|              |                    |     |      |      |          |
| 141          | RU8403141          | 130 | 6/29 | 7/30 | 107      |
|              | C622A-             | 335 | 6/27 | 7/27 | 96       |
|              | SKBT/L201          |     |      |      |          |
| Hv'd borders | (1265)             |     |      |      |          |
|              |                    |     | NS?  |      | IG-1 (4) |
|              | Gen. very good     |     | 1gt  |      |          |
|              |                    |     | HF   |      |          |
| 142          | RU8301142          | 126 | 7/6  | 8/20 | 115      |
|              |                    | 339 | 7/6  | 8/20 | 114      |
|              | 9906/9633          |     |      |      |          |
|              |                    |     |      |      |          |
|              |                    |     | myt  |      |          |
| 143          | RU8102143          | 138 | 7/10 | 8/13 | 107      |
|              |                    | 423 | 7/10 | 8/13 | 107      |
|              | DAWN/245717/3/13-D |     |      |      |          |
|              | //RXRE/4/WC6112    |     |      |      |          |
|              |                    |     |      |      |          |
|              |                    |     | 1gt  |      |          |
| 144          | RU8403144          | 225 | 6/30 | 8/2  | 84       |
|              | C610A-             | 322 | 6/30 | 8/7  | 86       |
|              | 9881/331581//SKBT  |     |      |      |          |
| ☆            | (655)              |     |      |      |          |
| Hv'd borders |                    |     |      |      | IG-1 (4) |
|              | Excellent          |     | Dm   |      |          |
|              |                    |     | Uvra |      |          |
|              |                    |     | UF   |      |          |





141

RU840314

C622A-

SKBT/L2C

Wild borders

(6265)

Excl. many

142

RU830114

9906/963

143

RU810214

DAW/245717

|| RARE/4/W

144

RU840314

C610A-

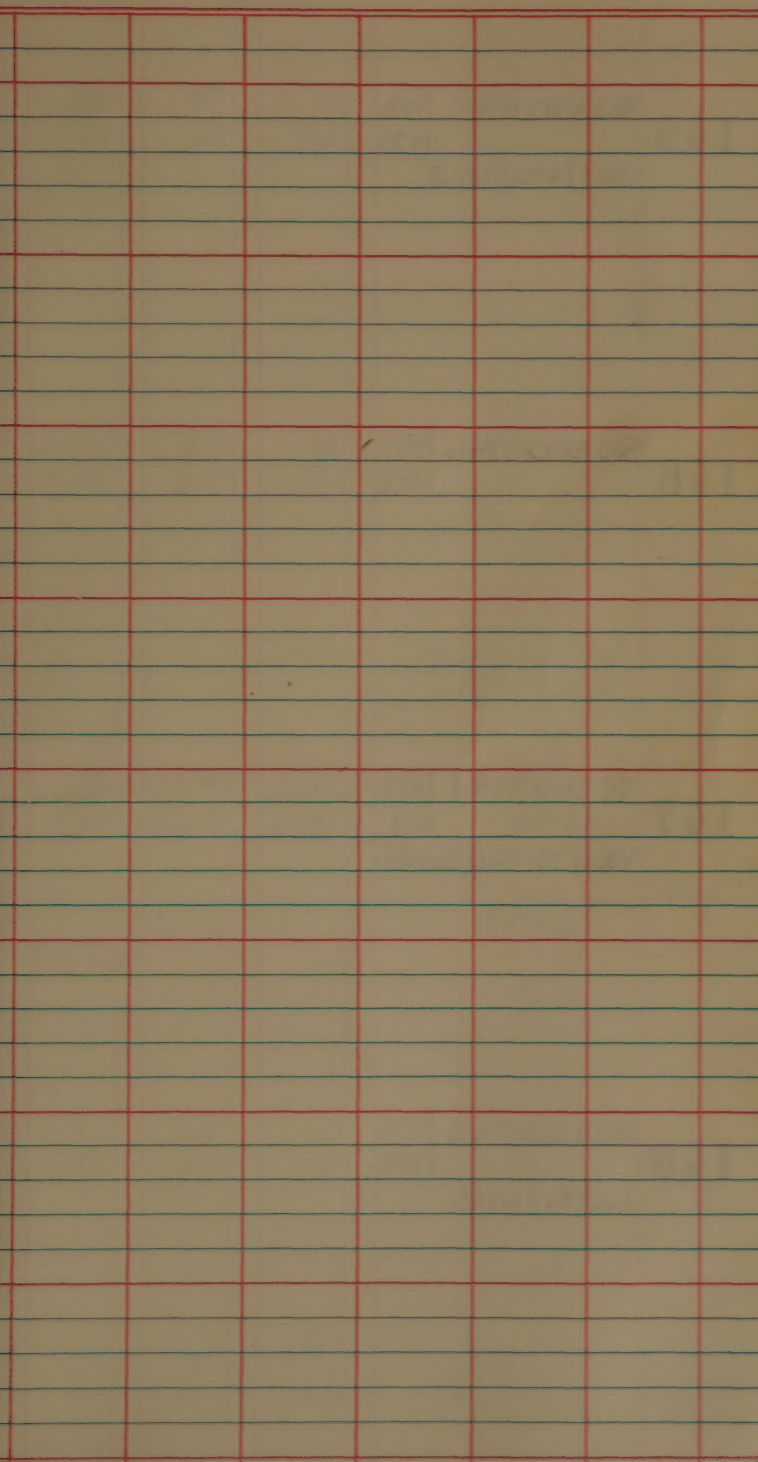
9881/331581



(655)

Wild borders

Excl. but



145

RU8401145

122

7/5

8/7

106

439

6/30

7/30

88

LBNT/9902//LBLE

Excellent plant

VUF

Dm

146

RU8002146

237

7/8

8/20

108

428

7/7

8/20

109

Early seps; var. lat.  
Righty wobble

mgt

147

RU8403147

227

6/29

8/2

83

C610A-

431

6/27

7/27

82

9881/331581//SKBT

Avid borders

(657)

Dm

IG-1(3)

Exc. hort

UF, short

incl. VHM

148

RU8301148

123

7/6

8/16

117

332

7/6

8/13

117

164986/NY66

mgt

Ratoon

0

0

0

0

0

0

365

10/25

329

10/25

1784

0

0



145

RU8401145

LBNT/9902//LP

Excellent plant

146

RU8002141

Early segs; var.  
Right woods

147

RU8403145

C610A-

9881/331581//

wd borders

(657)

Excellent

148

RU8301145

164986/NY66



149

RU8202149

136

7/3

8/7

113

430

7/2

8/2

107

lgt

150

RU8403150

234

6/30

8/1

85

C609A-

330

6/30

7/30

86

9881/331581//STBN

/9837

Av'd borders

(8760-61)

83/1254

Gen. very good

Dm

151

RU8301151

230

7/4

8/20

114

436

7/4

8/20

127

9878/9633

mgt

152

RU7802192

235

7/5

8/9

108

422

7/4

8/9

107

L037

lgt

0

0

0

0

0

0

0

40



149

RU820214

150

RU840315

C609A-

9881/331581//

/9837

W'd borders

(8760-61

83/1254

Gen. may go

151

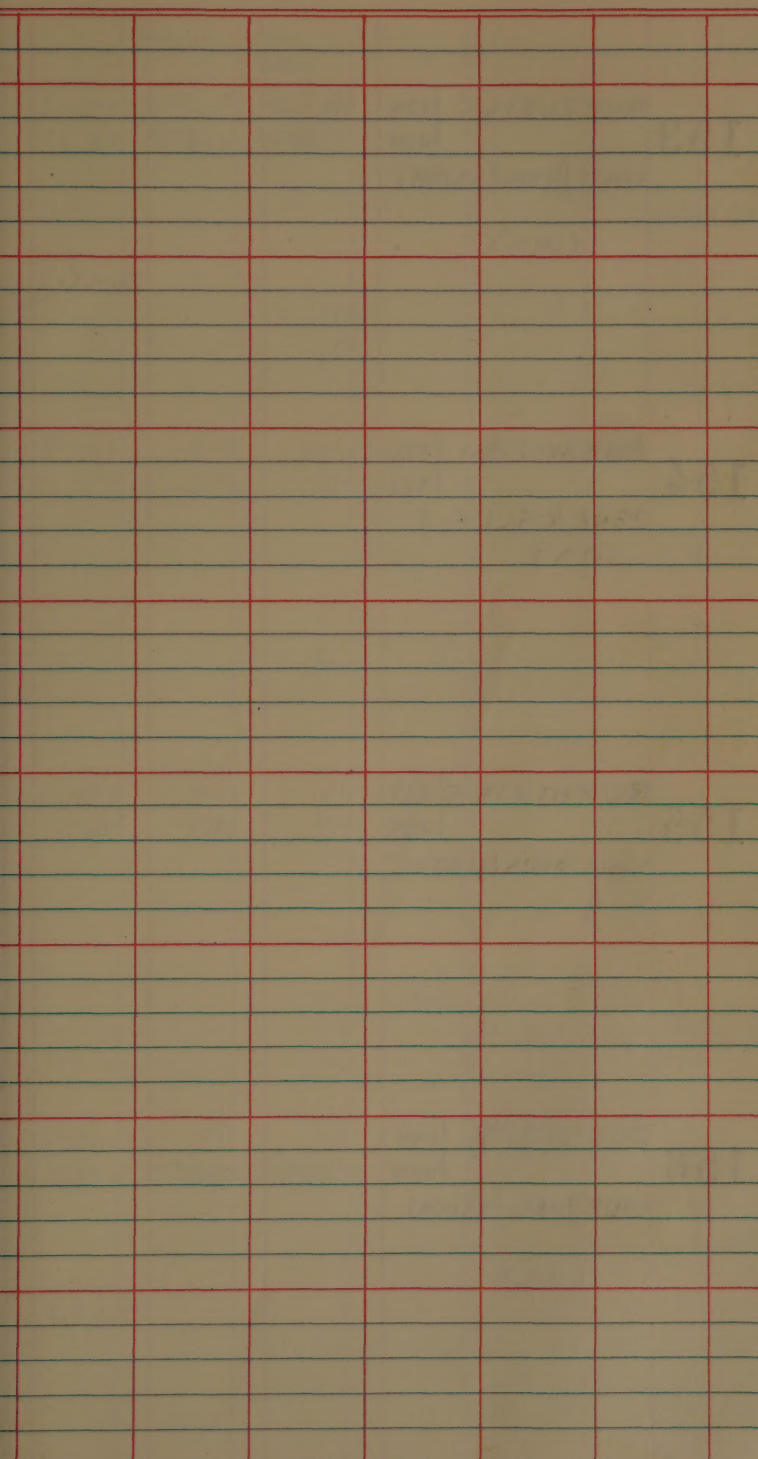
RU830115

9878/963

152

RU780215

L037



|                         |                                           |     |      |      |          |
|-------------------------|-------------------------------------------|-----|------|------|----------|
|                         |                                           |     |      |      |          |
| 153                     | RU8203165                                 | 224 | 7/2  | 8/2  | 83       |
|                         |                                           | 424 | 6/30 | 7/30 | 88       |
|                         | LBNT//9881/331581                         |     |      |      |          |
| old borders             | (153)                                     |     |      |      |          |
|                         |                                           |     |      |      | IG-1 (1) |
|                         | Excellent                                 |     | VUF  |      |          |
|                         |                                           |     | Dm   |      |          |
| 154                     | RU8301154                                 | 226 | 6/30 | 8/13 | 90       |
|                         |                                           | 321 | 7/1  | 8/13 | 93       |
|                         | 28NZ/CSLI F, //                           |     |      |      |          |
|                         | NTAI                                      |     |      |      |          |
| at 1<br>K <sub>10</sub> | Very good plant<br>for mgt.               |     | mgt  |      |          |
| 155                     | RU8402155                                 | 229 | 7/3  | 8/13 | 88       |
|                         |                                           | 435 | 7/3  | 8/13 | 86       |
|                         | Short MARS/WATO                           |     |      |      |          |
|                         | Variable heading; intended<br>pan. slight |     | mgt  |      |          |
| 156                     | RU8303156                                 | 135 | 7/2  | 8/7  | 100      |
|                         |                                           | 429 | 6/29 | 7/31 | 89       |
|                         | LBNT//9881/331581                         |     |      |      |          |
| old borders             | (156)                                     |     |      |      |          |
|                         |                                           |     |      |      | IG-1 (1) |





153

RU8203165

LBNT//9881/33

v/d borders

(153)

Excellent

154

RU8301154

28NZ/CSLI

NTAI

not in  
7.5

Very good gl  
for night.

155

RU8402155

Short MARS/W

Variable Reading.  
poss. slight

156

RU8303156

LBNT//9881/33

d borders

(156)



157

NATO

134

7/9

8/20

140

329

7/9

8/13

139

CI 8998

158

Newrex

128

7/2

8/2

110

334

6/27

7/30

108

CI 9969

apap

159

Saturn

140

7/6

8/9

134

325

7/6

8/7

138

CI 9540

160

Brazos

125

7/5

8/20

115

338

7/4

8/20

116

CI 9875

80

90

0

0

90

90

0

70



NATO

CI 8998

New rex

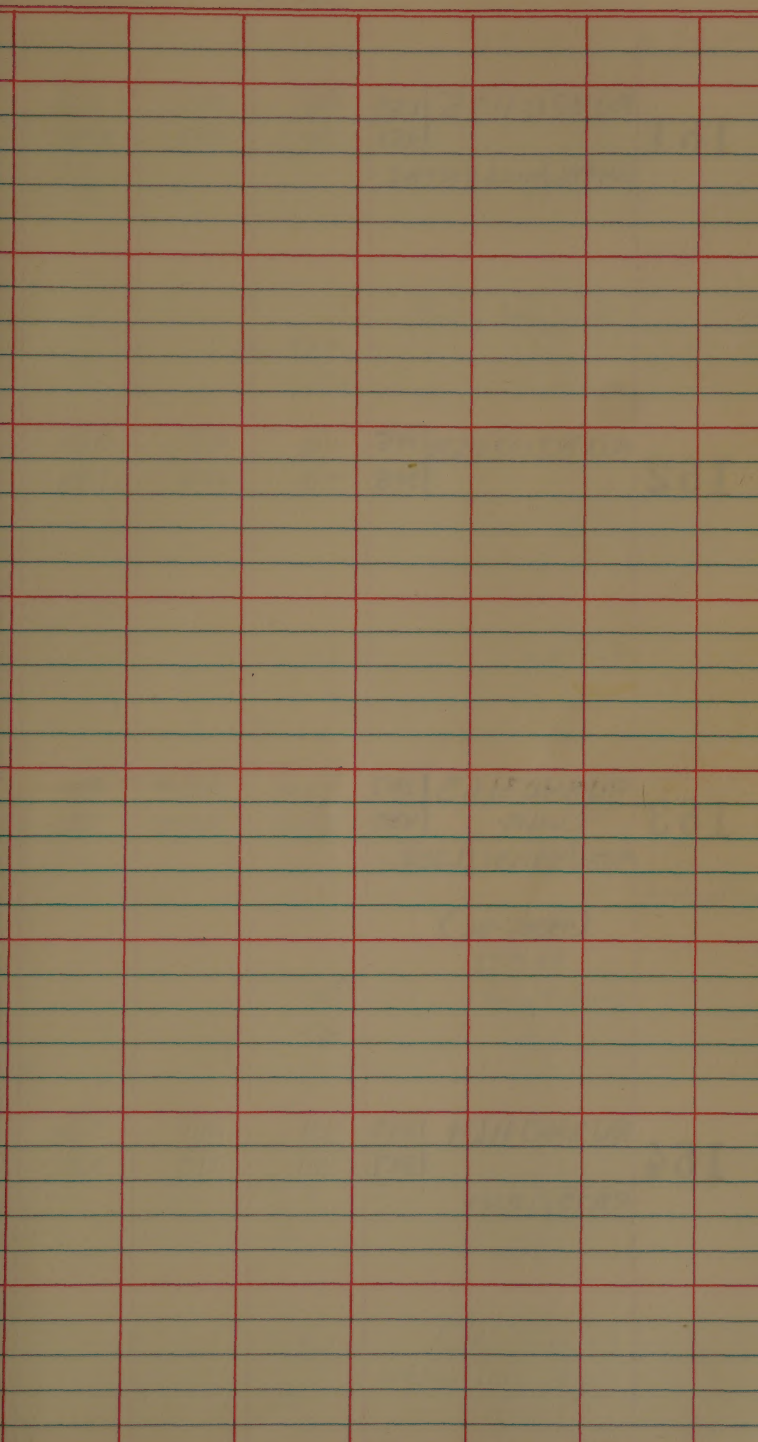
CI 9969

## Saturn

CI 9540

Brazos

CI 9875



Seeded 4/6/84

South border BB50

North border DAWN

161

RU8201175 | 254

7/4

8/13

111

451

7/4

8/13

109

164986/NV66//NTAI

Very good, neat

mg+

wTm

162

RU8202158 | 145

7/12

8/15

110

348

7/11

8/13

114

tall segs

lgt

163

RU8403163 | 257

7/1

7/31

80

C611A-

450

7/1

7/31

77

9881/331581/L201

old borders

(9885-86)

83/572

Excellent plant

Ds

VUF

164

RU8401164 | 253

7/14

8/15

92

347

7/14

8/17

88

RA73/LBNT

Excellent plant  
but poor problems

lgt

8/20

Ratoon

0

300

10/11

○

341

10/11

1647



165

RU8102164

246

7/13

8/17

84

353

7/14

8/17

85

very wide flaps

WTs

lgt

166

RU8203135

249

6/29

7/30

85

454

6/28

7/31

86

B767A3-11-4-2

v/d borders

(166)

Dt

VUF

Q

IG-1 (1)

167

RU8401167

153

7/10

8/20

113

457

7/10

8/17

110

DAWN/BN13

Slow gen. mt.

lgt

168

CICA-6

155

7/13

8/15

90

458

7/13

8/15

90

PI420956

VUF

Dm

Ratton

0

0

255

10/11

299

10/11

1424

0

0

0

0

169

RU8403169 | 142

7/3

8/7

88

C609A

360

6/30

8/1

75

9881/331581//STBN

/9833

d borders

(1255)

IG-1 (1)

Excellent plant

VUF

Dm

VHM

170

RU8301170 | 157

7/11

8/20

111

443

7/10

8/17

108

DAWN / BN73

Deep  
Shallow pen. mat.

lgt

171

RU8202170 | 255

7/12

7/31

116

351

7/12

7/31

117

Early seps

mgt

172

RU8403172 | 156

7/3

8/7

80

C610A

352

7/1

8/1

75

9881/331581//SKBT



(1251)

d borders

IG-1 (1)

Excellent

Ds

UF

Short fly

Ratoon

0

0

283

10/25

0

0

0

0

0

0

321

10/25



173

RU8401173

259

7/14

8/15

113

343

7/14

8/15

112

STAN/STTD

WTS

14+

174

RU8102173

141

7/24

8/29

95

346

7/24

8/29

94

TTEP/IR-8

Very late  
much sterility

175

RU8403175

159

7/2

8/3

85

CG10A

445

6/30

7/31

76

9881/331581/SKBT



(1252)

w'd borders

IG-1(1)

Excellent

DMS

176

RU8301176

154

7/12

8/20

113

344

7/10

8/17

112

MARS/325893

Very leafy

Ratoon

0

0

0

0

0

0

186

10/30

10/25

0

0

177

RU8002176

248

7/4

8/13

110

455

7/3

8/13

117

mgt

Variable; good

178

RU8303178

256

7/11

8/27

100

B7442A

449

7/10

8/27

98

NTAI/9879

(178)

Shorter

Gen. good

179

RU8301179

247

7/5

8/13

111

459

7/5

8/13

116

MARS/325893

Pm. mature early

180

RU8202179

143

7/15

8/21

117

453

7/15

8/21

121

lgt

0

0

100

100

0

0

100

100

0

0

100

100

0

10

100

100



181

RU8403181 | 144  
 C610A | 356  
 9881/331581//SKBT

7/4 8/9 92  
 7/2 8/7 82



(7231-34)  
 83/354

Excellent

1gt  
 AF?  
 UHM

182

RU8301182 | 244  
 | 349  
 ZADT/STTD

7/4 8/13 107  
 7/4 8/13 110

Uniform; most  
 pan. mature evenly

mgt

183

RU8002182 | 258  
 | 444

7/9 8/15 112  
 7/9 8/15 115

Early segs

mgt

184

RU8303049 | 260  
 BT439A | 354  
 NTAL//9545/NOVA

7/10 8/20 94  
 7/12 8/17 85

(49)

WTM  
 VUF

Ratoon

0

0

124

10/25

0

0

0

0

0

0

185

RU8301185

241

7/8

8/20

105

357

7/9

8/17

107

9906/9633

Gen. very good

mgt

186

RU8002185

148

7/10

8/15

109

452

7/9

8/15

116

Tall, early seqs  
Pinner

mgt

187

RU8403187

245

7/1

7/30

81

350

7/1

7/30

84

NWRX/BLMT

Hvd borders

(3101-05)

83/336

♀

Excellent plot

VUF

Smaller pos.?

Vuced

IG-1 (1)

DM

188

RU8301188

242

7/6

8/17

103

358

7/6

8/17

108

9906/9633

Gen. good

mgt

Ratoon

213

10/11

○

215

10/11

1100



189

IR-36

250

7/12

8/17

85

446

7/13

8/17

87

PI 442971

Absolutely flat  
on ground

190

RU8303190

149

7/5

8/9

95

359

7/3

8/3

85

NWRX/BLMT

(2968-71)

Poor stand, I  
Excellent plant

Dmt

VUF

9  
IG-1(4)

191

RU8301191

147

7/5

8/13

108

342

7/4

8/13

111

164986/NV66

mgt

192

Gui Chow

160

7/14

8/27

99

448

7/13

8/27

100

PI 8402192

VUF, long

Ratoon

90

80

10/25

10/25

0

0

144

10/25

10/25

10/25

10/25/10/25

0

0

10/25

10/25

60

90

10/25

10/25

10063

193

RU8403193

251

7/2

7/31

83

441

7/1

7/31

79

NWRX/BLMT

v'd borders

(333)

Q

Fall seqs; ranged out  
many off-typers;  
probably replace!

IG-1 (4)

194

RU8301194

252

7/11

8/17

101

460

7/11

8/17

108

9834/NTAI

195

RU8102195

151

7/14

8/21

124

341

7/14

8/21

123

Tall & leafy  
Slower pen. out.

19+

196

RU8203200

243

7/3

8/1

76

447

7/3

7/31

77

LBNT//9881/331581

v'd borders

(196)

IG-1 (1)

Ranged out many  
off-typers! Probably  
replace.

Gen. over cord

Ratoon



197

RU8401197

150

7/12

8/27

102

442

7/11

8/21

103

NTAI/NVDF

mat

198

BN 73

158

7/10

8/24

121

345

7/10

8/24

125

CI 9654

Slow pen. mat

199

LA 110

146

7/11

8/17

101

355

7/12

8/17

92

CI 9962

200

NTAI

152

7/13

8/29

110

456

7/13

8/29

108

CI 9836

0

0

0

0

80

80

0

0

All group I extras heavily regred;

|     |                            |      |      |      |     |
|-----|----------------------------|------|------|------|-----|
| 301 | BT121A3-Bk <sub>3</sub> -1 | 1101 | 6/29 | 7/30 | 105 |
|     | -3-1                       | 1203 | 6/28 | 7/27 | 102 |
|     | RU8003005                  | 1306 | 6/28 | 7/27 | 101 |
|     | v'd borders                | 1402 | 6/26 | 7/27 | 96  |
|     | (3)                        |      |      |      |     |

Stays green

N<sub>9</sub>

IG-1 (2)

VUF

|     |               |      |     |     |     |
|-----|---------------|------|-----|-----|-----|
| 302 | BT14A2-Bk-208 | 1102 | 7/4 | 8/6 | 96  |
|     | -1-Bk-4-3-Bk  | 1206 | 7/5 | 8/6 | 97  |
|     |               | 1304 | 7/1 | 8/6 | 95  |
|     | v'd borders   | 1405 | 7/3 | 8/6 | 100 |
|     | (2937-40)     |      |     |     |     |

round  
not but  
into K. J.  
Potted J.

Excellent plant; sturdy  
Could be very good  
under proper management!

N<sub>9</sub>?

VUF

|     |                             |      |      |      |    |
|-----|-----------------------------|------|------|------|----|
| 303 | BT14A2-Bk <sub>2</sub> -171 | 1103 | 7/2  | 7/30 | 82 |
|     | -3-4-4-Bk                   | 1202 | 6/29 | 7/27 | 80 |
|     |                             | 1305 | 6/29 | 7/31 | 82 |
|     |                             | 1406 | 7/1  | 8/1  | 81 |
|     | (3060-64)                   |      |      |      |    |

v'd borders

Excellent plant  
Too short?

D

VUF

|     |                |      |      |      |    |
|-----|----------------|------|------|------|----|
| 304 | BT16A2-1-9-3-2 | 1104 | 6/26 | 7/25 | 78 |
|     | -4-Bk          | 1205 | 6/26 | 7/27 | 82 |
|     |                | 1301 | 6/24 | 7/25 | 72 |
|     | v'd borders    | 1403 | 6/23 | 7/25 | 71 |
|     | (3168-72)      |      |      |      |    |

Excellent plant; too short?  
Very early

D<sub>9</sub>

V<sub>HM</sub>





305

BT6TA3-55-1-3

-3-2-BK

1105

6/24

7/27

93

1201

6/23

7/25

90

1303

6/22

7/25

90

1404

6/22

7/25

91

w'd borders

(3727-31)

Bird feeding, III (20%)

Very good short normal

tip awns

Ns

UHM

306

BT6TA1-16-3-1

-3-BK

1106

7/2

8/1

83

1204

6/28

7/30

84

1302

6/29

7/27

74

1401

6/28

7/25

82

w'd borders

(3137-41)

Excellent; too short?

Longer flags, perhaps  
too long!

Ds

UHM

IG-1 (1)



|             |                           |      |                   |      |         |
|-------------|---------------------------|------|-------------------|------|---------|
|             |                           |      |                   |      |         |
| 311         | B774A1-24-3-2             | 1111 | 7/3               | 8/3  | 94      |
|             | -2-3-BK                   | 1212 | 7/2               | 8/2  | 93      |
| ☆           |                           | 1314 | 7/1               | 8/2  | 90      |
|             |                           | 1416 | 7/2               | 8/2  | 89      |
|             | (2627-30)                 |      |                   |      |         |
| v/d borders |                           |      |                   |      |         |
|             | tall segs. (rogued)       |      | DT                |      |         |
|             | Excellent                 |      | VUF               |      | IG-1(3) |
|             | Poor stand, J             |      |                   |      |         |
| 312         | B774A2-BK <sub>2</sub> -3 | 1112 | 7/4               | 8/6  | 90      |
|             | -2-1-2-3-BK               | 1216 | 7/5               | 8/9  | 93      |
|             |                           | 1311 | 7/2               | 8/3  | 86      |
| v/d borders |                           | 1413 | 7/1               | 8/3  | 83      |
|             | (2957-61)                 |      |                   |      |         |
|             |                           |      |                   |      | Q       |
| 20 p/p      | Gen. very good            |      | VUF, longer sides |      |         |
|             |                           |      | DT                |      | IG-1(3) |
| 313         | B767A1-3-2-1              | 1113 | 6/30              | 8/2  | 82      |
|             | -2-BK                     | 1215 | 6/29              | 7/27 | 81      |
|             |                           | 1316 | 6/30              | 7/31 | 81      |
| ☆           |                           | 1411 | 6/27              | 7/27 | 79      |
|             | (3132-36)                 |      |                   |      |         |
| v/d borders |                           |      |                   |      | IG-1(4) |
|             | Excellent                 |      | D <sub>5</sub>    |      |         |
|             |                           |      | UHM               |      |         |
|             |                           |      | HF at mat?        |      |         |
| 314         | C609A-BK-13-1             | 1114 | 7/3               | 8/6  | 83      |
|             | -BK                       | 1211 | 6/30              | 8/2  | 84      |
|             |                           | 1313 | 7/1               | 8/2  | 82      |
| v/d borders |                           | 1415 | 6/30              | 7/31 | 80      |
|             | (8703-04)                 |      |                   |      |         |
|             | Excellent plant           |      | D <sub>5</sub>    |      |         |
|             |                           |      | VUF               |      |         |

## Ratoon

|   | gm/plot                  | 2 <sup>nd</sup> | lb/A | %<br>H/T  |  |  |
|---|--------------------------|-----------------|------|-----------|--|--|
|   | 124                      | 11/6            |      |           |  |  |
|   | 255                      | 10/25           |      |           |  |  |
|   | 243                      | 10/24           |      |           |  |  |
|   | 187                      | 10/25           |      |           |  |  |
|   |                          |                 |      | 61.3/70.3 |  |  |
|   | more sturdily in ratoon? |                 |      |           |  |  |
|   | 276                      | 10/25           |      |           |  |  |
|   | 116                      | 10/25           |      |           |  |  |
|   | 218                      | 10/24           |      |           |  |  |
|   | 284                      | 10/24           |      |           |  |  |
|   |                          |                 | 1149 | 63.2/72.5 |  |  |
| 0 | 343                      | 10/24           |      |           |  |  |
| 0 | 285                      | 10/24           |      |           |  |  |
| 0 | 295                      | 10/24           |      |           |  |  |
| 0 | 299                      | 10/24           |      |           |  |  |
|   |                          |                 | 1570 | 64.9/69.8 |  |  |
| 0 | —                        | X               |      |           |  |  |
| 0 | 194                      | 10/25           |      |           |  |  |
| 0 | 287                      | 10/25           |      |           |  |  |
| 0 | 241                      | 10/25           |      |           |  |  |
|   |                          |                 | 1237 | 61.3/70.5 |  |  |



315

C609A-BK-32

-2-2

1115

7/12

8/17

82

1214

7/12

8/17

87

1312

7/12

8/17

82

1414

7/11

8/17

81

w'd border

3C 9/5

(8765)

Early 2095

VUF

Excellent plant but late

316

B7725A-70-3

-5

1116

7/4

8/10

80

1213

6/30

8/2

80

1315

6/29

8/2

80

1412

6/30

8/2

80

w'd borders

(12857)

215 p/p

Excellent

Gold

Dg

AF

UHM

Ratoon

| gm/plot | 2nd  | lb/a | %<br>H/T  |
|---------|------|------|-----------|
| —       | X    |      |           |
| 45      | 11/6 |      |           |
| 45      | 11/6 |      |           |
| —       | X    |      |           |
|         |      |      | 62.5/11.3 |

|  |     |       |      |           |  |
|--|-----|-------|------|-----------|--|
|  | —   | X     |      |           |  |
|  | 214 | 10/24 |      |           |  |
|  | 261 | 10/24 |      |           |  |
|  | 242 | 10/24 |      |           |  |
|  |     |       | 1228 | 53.3/71.6 |  |

321

C611A-Bk-63

1121

6/30

8/7

85 83

-4-Bk

1223

6/28

8/2

82 84

1326

6/30

8/7

86 87

Hv'd borders

1424

6/25

7/27

79

(9987-99)

Excellent

D<sub>5</sub>U<sub>WMA</sub>

322

C610A-17-7-Bk

1122

7/3

8/7

84

1221

7/2

8/7

85

1324

7/2

8/7

87

1426

7/2

8/7

91

(7169-71)

Excellent

D<sub>m</sub>

323

C610A-Bk-64-3

1123

7/2

8/7

89 86

-Bk

1226

7/3

8/7

91 90

1325

7/1

8/2

82 84

Hv'd borders

1422

6/27

7/27

80 80

(7350-53)

Excellent

D<sub>m</sub>

324

C623A-Bk<sub>2</sub>-75

1124

6/27

7/30

103

-Bk

1225

6/27

7/27

102

1321

6/26

7/27

96

1423

6/24

7/27

93

(10825-26)

Very good

U<sub>HM</sub>N<sub>S</sub>H<sub>F</sub>

## Ratoon

|   | gm/plot |        | lb/A | %<br>H/T  |  |  |
|---|---------|--------|------|-----------|--|--|
| 0 | -       | X      |      |           |  |  |
| 0 | 280     | 10/25  |      |           |  |  |
| 0 | 233     | 10/30  |      |           |  |  |
| 0 | 260     | 10/25  |      |           |  |  |
|   |         |        | 1324 | 59.3/71.2 |  |  |
| 0 | -       | X      |      |           |  |  |
| 0 | 402     | 10/30  |      |           |  |  |
| 0 | 409     | 10/30  |      |           |  |  |
| 0 | 148     | 11/6   |      |           |  |  |
|   |         |        | 1643 | 66.4/71.4 |  |  |
| 0 | -       | X      |      |           |  |  |
| 0 | 286     | 10/30  |      |           |  |  |
| 0 | 378     | 10/25  |      |           |  |  |
| 0 | 384     | 10/30? |      |           |  |  |
|   |         |        | 1796 | 66.8/71.1 |  |  |
| 0 | 429     | 10/11  |      |           |  |  |
| 0 | 396     | 10/11  |      |           |  |  |
| 0 | 437     | 10/11  |      |           |  |  |
| 0 | 419     | 10/11  |      |           |  |  |
|   |         |        | 2160 | 66.6/71.0 |  |  |



325

BT67A3-3-3-4

-1-4-3

1125

7/4

8/7

92

1222

7/4

8/7

89

1323

7/3

8/7

90

1421

7/1

8/7

87

Hv'd rep D  
border

(3672)

IG-1(4)

tall, early segs.

Seg. hit, too many to seg.

Replace 0

Heavily segued Rep D

326

CG23A-74-5

1126

7/3

8/7

103

1224

7/2

8/3

104

1322

7/1

8/2

101

1425

6/27

8/2

102



(1277)

Hv'd borders

IG-1(1)

Very good

HF

D<sub>+</sub> or N<sub>g</sub>U<sub>um</sub>



331

C610A-Bk<sub>2</sub>-14

-Bk

1131

7/5

8/10

86

1236

7/9

8/13

93

1334

7/4

8/9

85

1433

7/2

8/7

80

(8202-03)

Excellent

D<sub>5</sub>

UVM

AF, short

332

BT67A2-30-2-4

-1-3-1-4-Bk

1132

7/2

8/7

84

1233

7/2

8/3

83

1336

7/4

8/9

87

1435

6/29

8/1

80

(3253-57)

Many tall reg  
Drop?

Q

IG-1 (1)

333

C610A-Bk-33-6

-1235

1133

7/4

8/7

84

1235

7/3

8/3

82

1331

7/1

8/1

75

1436

7/2

8/7

80

(1246)

Excellent

D<sub>5</sub>

HF, short

IG-1 (1)

334

C615A-Bk<sub>2</sub>-57

1134

7/10

8/13

90

1231

7/9

8/13

87

1335

7/10

8/15

86

1432

7/10

8/13

88

(789)

Later but excellent

D<sub>m</sub>

IG-1 (1)

## Ratoon

|   | gm/plot |       | lb/A | %<br>H/T  |  |  |
|---|---------|-------|------|-----------|--|--|
| 0 | -       | X     |      |           |  |  |
| 0 | -       | X     |      |           |  |  |
| 0 | -       | X     |      |           |  |  |
| 0 | 219     | 10/30 |      |           |  |  |
|   |         |       | 1126 | 65.5/71.6 |  |  |
|   |         |       |      |           |  |  |
|   |         |       |      |           |  |  |
|   |         |       |      |           |  |  |
| 0 | 244     | 10/30 |      |           |  |  |
| 0 | 192     | 10/25 |      |           |  |  |
| 0 | -       | X     |      |           |  |  |
| 0 | 236     | 10/25 |      |           |  |  |
|   |         |       | 1151 | 63.8/71.4 |  |  |
|   |         |       |      |           |  |  |
|   |         |       |      |           |  |  |
|   |         |       |      |           |  |  |
| 0 | -       | X     |      |           |  |  |
| 0 | 344     | 10/30 |      |           |  |  |
| 0 | 257     | 10/25 |      |           |  |  |
| 0 | 329     | 10/30 |      |           |  |  |
|   |         |       | 1593 | 67.3/71.8 |  |  |
|   |         |       |      |           |  |  |
|   |         |       |      |           |  |  |
|   |         |       |      |           |  |  |
| 0 | 140     | 10/30 |      |           |  |  |
| 0 | 121     | 10/30 |      |           |  |  |
| 0 | 104     | 11/6  |      |           |  |  |
| 0 | 231     | 11/6  |      |           |  |  |
|   |         |       |      | 65.4/71.4 |  |  |



335

C615A-Bk-76-3 | 1135  
-1 | 1234

7/10

8/13

89

7/9

8/13

90

1332

7/10

8/13

85

1431

7/10

8/13

87



lv'd borders

(5212)

Later but very good

VUF

D

UHM

336

C615A-79-7 | 1136  
-Bk | 1232

7/9

8/10

92

7/8

8/9

92

1333

7/8

8/9

90

1434

7/8

8/9

91



(5579-80)

Gen. very good

DmT

Short HF



|              |                                     |              |                                              |              |           |
|--------------|-------------------------------------|--------------|----------------------------------------------|--------------|-----------|
|              |                                     |              |                                              |              |           |
| 341          | C611A-58-2                          | 1141<br>1342 | 6/27<br>6/25                                 | 7/27<br>7/27 | 83<br>83  |
| lv'd borders | (1272)                              |              |                                              |              | IG-1 (4)  |
|              | Excellent                           |              | D <sub>s</sub><br>HF short<br>UHM            |              |           |
| 342          | C611A-49-1                          | 1142<br>1441 | 6/29<br>6/24                                 | 8/1<br>7/27  | 86<br>82  |
| lv'd borders | (1271)                              |              |                                              |              | IG-1 (4)  |
|              |                                     |              | D <sub>s</sub><br>AF                         |              |           |
| 343          | C622A-5-4                           | 1241<br>1442 | 6/27<br>6/26                                 | 7/30<br>7/27 | 102<br>95 |
| lv'd borders | (1264)                              |              |                                              |              | IG-1 (1)  |
|              | Perhaps more variable?<br>Very good |              | Ns or D <sub>T</sub><br>HF, mod. left<br>UHM |              |           |
| 344          | C612A-BK-27-5<br>-BK                | 1242<br>1341 | 6/28<br>6/26                                 | 7/27<br>7/27 | 86<br>83  |
| ☆            | (6305-07)                           |              |                                              |              |           |
| lv'd borders | Excellent                           |              | D <sub>MS</sub><br>UF, mod.<br>UHM           |              |           |





351

AS2053

1151

7/6

8/9

132

1452

7/5

8/13

121

(Alex)

Very tall &amp; leafy

1-mgt?

352

AS3054

1152

7/3

8/13

127

1351

7/3

8/13

125

Very tall &amp; leafy

(Alex)

mgt

353

BBLE

1251

7/1

8/7

112

1352

6/30

8/7

120

(1103)

354

C612A-Bk-15

1252

6/25

7/27

76

-1-5

1451

6/23

7/27

72

wild borders

(6820)

Bird feeding II

Ds



361

AS2001

1161  
1362

7/11  
7/13

8/17  
8/17

118  
126

(Alex)

Early segs  
Slow pm. mat.  
Tall + leafy

lgt

362

AS3056

1162  
1461

7/3  
7/2

8/13  
8/13

117  
115

(Alex)

Variable ht.

mgt

363

C611A-37-3

1261  
1361

6/30  
6/30

8/2  
8/2

86  
80

w/d borders

(587)

IG-1 (1)

VUF  
large fls  
Dm

364

BT725A1-Bx-33  
-2

1262  
1462

7/6  
7/6

8/9  
8/9

86  
86

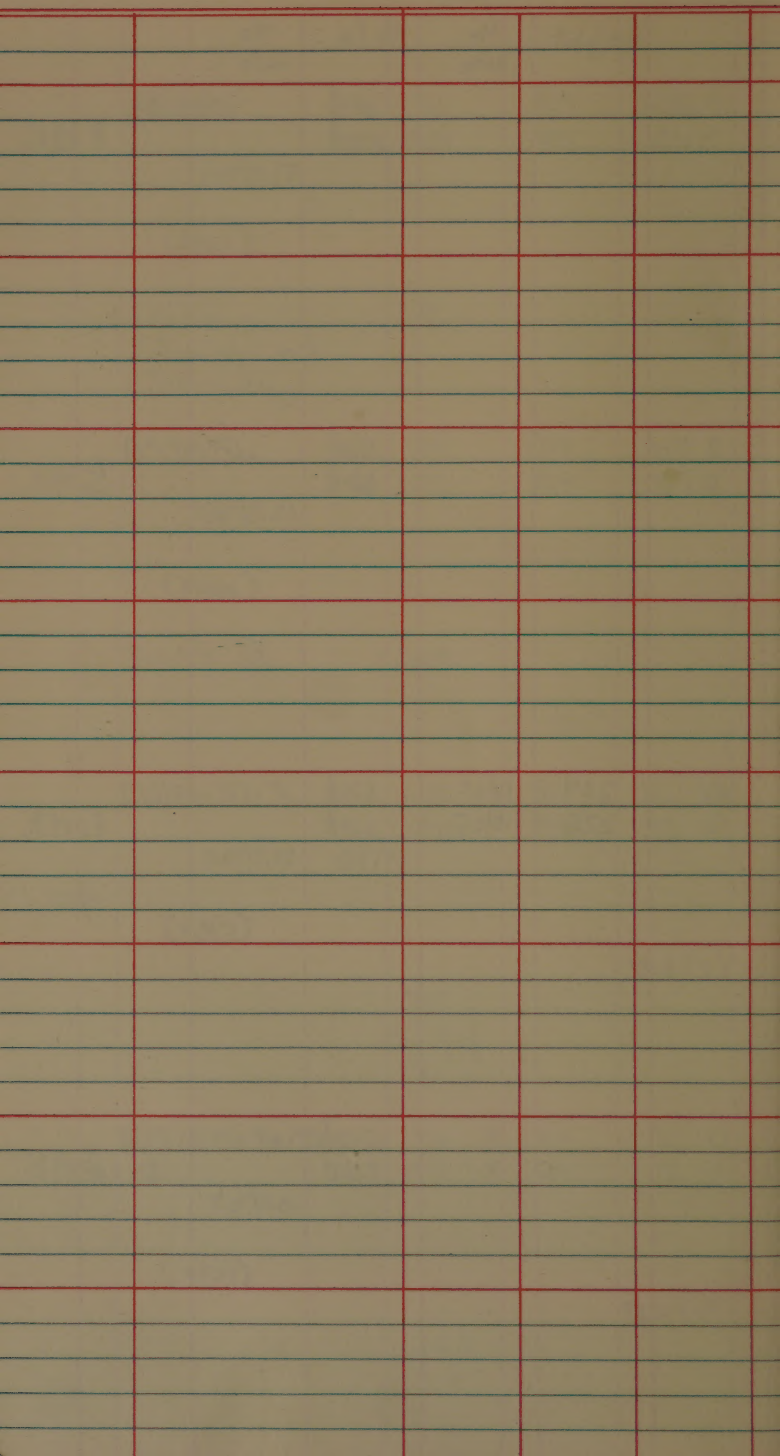
(754)

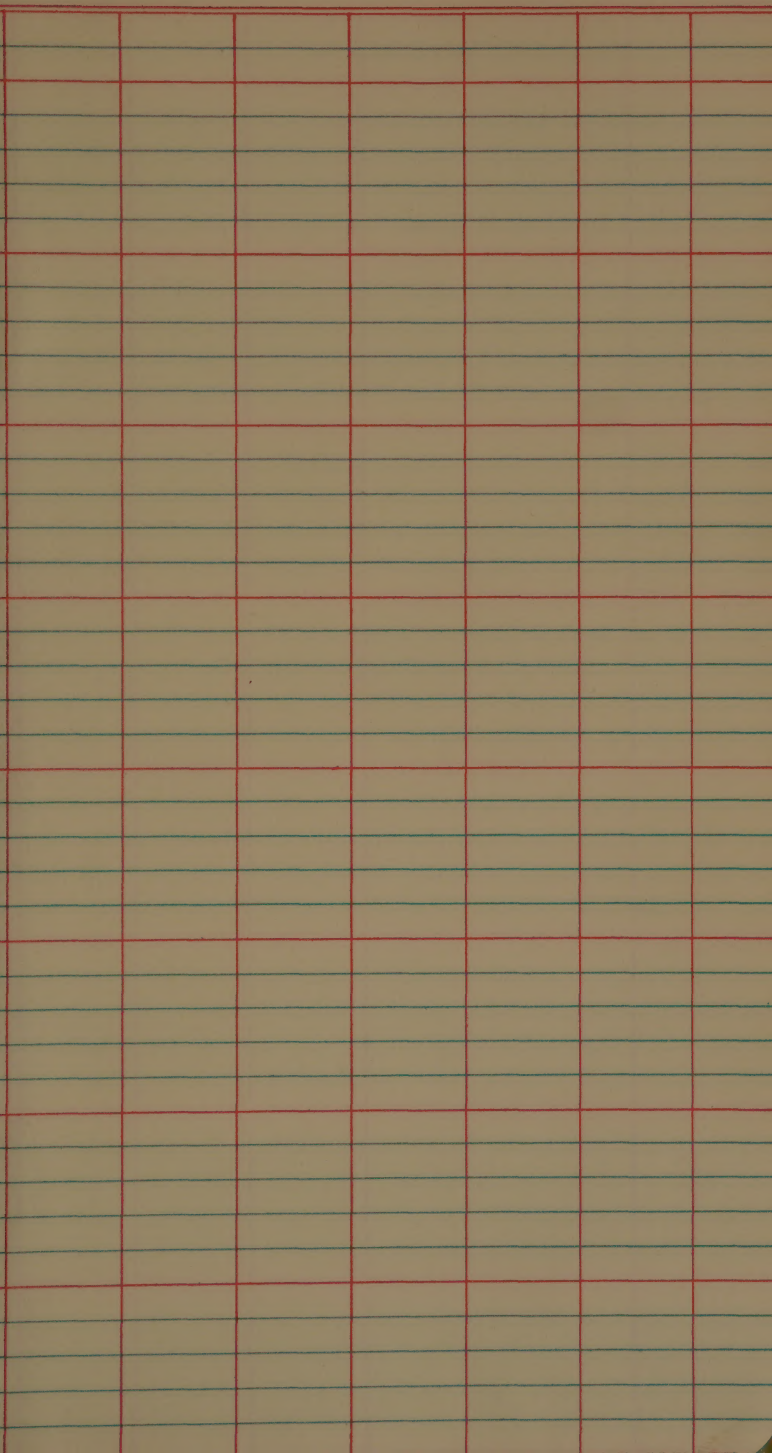
IG-1 (1)

gold  
VUF  
Dm  
Hm











$$\begin{array}{r} 59 \\ + 73 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 51 \\ 37 \\ \hline 88 \end{array}$$







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

# FIELD NOTEBOOK

## AGRONOMIC NOTES

If found, please tie securely and return to

-----  
(Employee's Name)

-----  
(Street Address)

-----  
(City and State)

# SCALE FOR ESTIMATING RUST

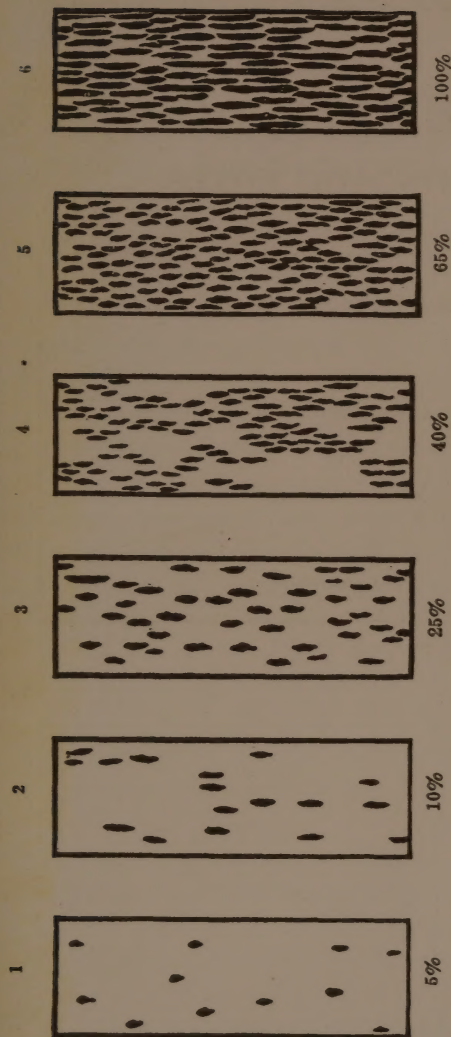


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

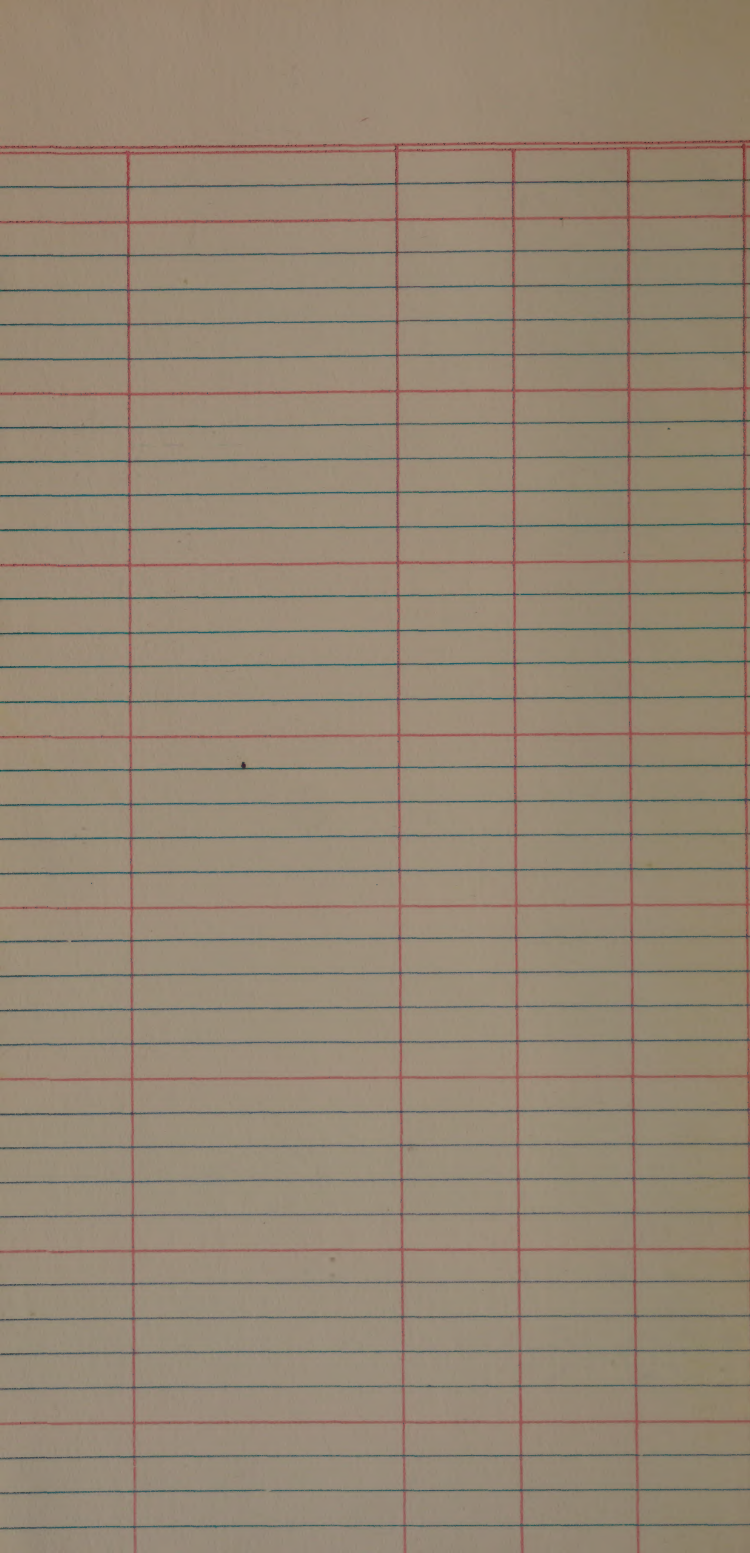
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

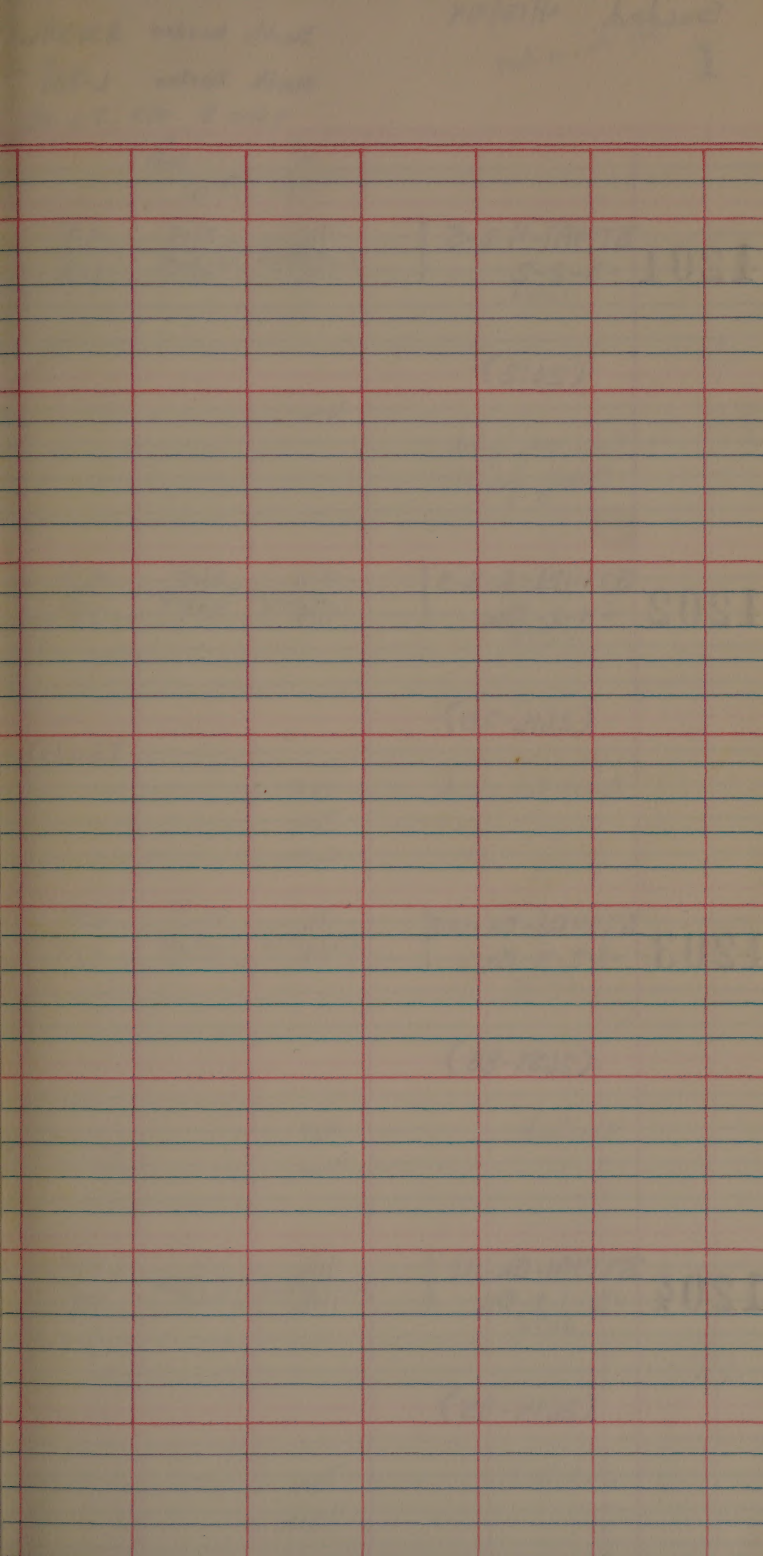
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.













Seeded 4/18/84

South border 8303116

North border L-201

1201

B774A1-4-2-5  
-3-2-2

7/12  
7/12

8/15  
8/15

97  
102



(2612)

NS

Gen. very good  
Sturdy for N

1202

B774A1-6-3-3  
-4-1-Bk

7/14  
7/15

8/15  
8/15

86  
85

(2616-20)

IG-1(1)

Beautiful plant

VVF  
DM  
UHM

1203

B774A1-Bk-107  
-1-3-5-Bk

7/11  
7/19

8/13  
8/13

87  
82

(2684-88)

Excellent

VVF  
UHM

1204

B774A1-Bk-111  
-5-1-1-Bk

7/12  
7/12

8/13  
8/13

81  
88



(2694-95)

Excellent

DM  
UHM

Prelim. ut yld

1

|      |                         |              |              |          |
|------|-------------------------|--------------|--------------|----------|
| 1205 | B774A2-1-2-5<br>-1-1-Bk | 7/16<br>7/14 | 8/17<br>8/17 | 95<br>95 |
|------|-------------------------|--------------|--------------|----------|

(2751-55)

IG-1(4)

Excellent

Dr  
VVF

|      |                           |              |              |            |
|------|---------------------------|--------------|--------------|------------|
| 1206 | B774A2-Bk-87<br>-5-4-5-Bk | 7/13<br>7/12 | 8/13<br>8/13 | 100<br>100 |
|------|---------------------------|--------------|--------------|------------|

★

(2828-32)

Gen. very good

Dr  
UF

|      |                           |              |              |           |
|------|---------------------------|--------------|--------------|-----------|
| 1207 | B774A2-Bk-92<br>-3-4-2-Bk | 7/18<br>7/16 | 8/17<br>8/17 | 100<br>96 |
|------|---------------------------|--------------|--------------|-----------|

Hv'd border A  
9/5

(2839-41)

NG

9

Too leafy?

UF, long

Bad Rhizoc, II

IG-1(1)

Interesting plant; strong  
green!

|      |                            |              |              |          |
|------|----------------------------|--------------|--------------|----------|
| 1208 | B774A2-Bk-135<br>-4-1-5-Bk | 7/10<br>7/10 | 8/13<br>8/13 | 85<br>81 |
|------|----------------------------|--------------|--------------|----------|

★

(2869-73)

Excellent







1209

B774A2-BK-180  
-4-4-3-BK7/13  
7/108/15  
8/1396  
93

(2895-97)

IG-1(4)

Excellent  
Phiz. spot, II

DT

1210

B774A2-BK-202  
-1-2-5-57/12  
7/108/13  
8/1396  
96

(2924)

Excellent talor Def.

DT  
VUF

1211

B774A2-BK-230  
-1-3-5-2-BK7/11  
7/118/13  
8/1596  
93

(2941-45)

Very good

DT  
VUF

1212

B774A2-BK<sub>2</sub>-102  
-4-3-2-BK7/14  
7/138/15  
8/1599  
104

(3003-06)

NS

Very good normal

|        | B <sub>eff</sub> | %         |  |      |  |
|--------|------------------|-----------|--|------|--|
|        | w.T.             | w/T       |  |      |  |
| 0<br>0 | 41,4             | 65.0/73.5 |  | 6350 |  |
| 0<br>0 | 41,3             | 66.4/71.9 |  | 5915 |  |
| 0<br>0 | 41,1             | 61.1/73.0 |  | 6307 |  |
| 0<br>0 | 43,2             | 62.0/71.6 |  | 6507 |  |

1213

BT74A2-Bk<sub>2</sub>-138  
-1-5-3-Bk

7/13

8/13

88

7/13

8/13

86



(3013-17)

Hv'd A border

9/5

Excellent plant  
longer upright fls.

VVF

Dm

UHM

IG-1(4)

1214

BT74A2-Bk<sub>2</sub>-149  
-2-3-3-4-Bk

7/13

8/15

85

7/12

8/15

88

(3024-28)

Bad Rhizac; #

1215

BT74A2-Bk<sub>2</sub>-150  
-3-5-3-Bk

7/12

8/13

86

7/12

8/13

84

(3039-43)

Excellent plant

IG-1(4)

1216

BT67A1-95-1-2  
-4-Bk

7/8

8/13

88

7/8

8/13

87

(3163-67)

Very early

D<sub>5</sub>

AF

UHM







|                                |                            |                                  |              |               |
|--------------------------------|----------------------------|----------------------------------|--------------|---------------|
|                                |                            |                                  |              |               |
| 1217                           | BT67A2-7-2-Bk<br>-1-3-3-Bk | 7/9<br>7/9                       | 8/13<br>8/13 | 107<br>112    |
| Hv'd A border<br>9/5 (3184-88) |                            |                                  |              |               |
|                                | Gen. very good             | N                                |              | 9<br>IG-1 (6) |
| 1218                           | BT67A2-12-9-3<br>-2-2-3    | 7/11<br>7/12                     | 8/13<br>8/15 | 116<br>117    |
|                                | (3208)                     |                                  |              |               |
|                                | Good but tall              | N                                |              |               |
| 1219                           | BT67A2-21-5-1<br>-3-3-2-Bk | 7/11<br>7/9                      | 8/13<br>8/13 | 110<br>112    |
|                                | (3221-23)                  |                                  |              |               |
|                                |                            | N                                |              |               |
| 1220                           | BT67A2-22-8-2<br>-2-4-Bk   | 7/13<br>7/12                     | 8/15<br>8/15 | 78<br>80      |
|                                | (3232-36)                  |                                  |              |               |
|                                |                            | VUF<br>longer flaps<br>DS<br>UHM |              |               |



1221

BT6TA2-25-4-3  
-1-3-BK

7/13

8/13

87

7/13

8/13

89

(3247-51)

Exc. Nest

VUF

UHM

1222

BT6TA2-32-10-3  
-3-5-BK

7/14

8/15

109

7/13

8/15

110

(3258-62)

Rel. empty

N

1223

BT6TA2-37-1-2  
-2-1-3-BK

7/9

8/13

108

7/8

8/13

107



(3278)

lv'd A border

9/5

Very good normal  
Nest

UHM

9

IG-1 (4)

1224

BT6TA2-39-5-1  
-3-2-2-BK

7/9

8/13

94

7/9

8/13

88

(3281-83)

Very early

VUF

IG-1(5)





1225

BT67A2-40-7-1  
-3-1-4

7/15

8/15

80

7/15

8/15

85

Hv'd A border

9/5

(3292)

Excellent

VUF

D<sub>5</sub>

IG-1 (5)

1226

BT67A2-54-1-2  
-2-2-BK

7/14

8/22

115

7/15

8/22

113

(3326-28)

Too leafy?  
Pinner

N

IG-1 (7)

1227

BT67A2-56-1-1  
-2-3-BK

7/11

8/13

107

7/10

8/15

104

(3330-32)

IG-1 (4)

N<sub>5</sub>

1228

BT67A2-61-4  
-2-3-2-2-1-BK

7/13

8/13

89

7/13

8/15

91

(3412-16)

IG-1 (1)

Nest: grown with  
four leaf daisy

[illegible]

1229

BT6TA2-62-2-5  
-3-2-3-Bk

7/14

8/15

80

7/14

8/15

80

Hv'd borders

A, B

(3422-26)

Excellent plant

D

VUF

UHM

Q 1

IG-1 (4)

1230

BT6TA2-70-2-4  
-1-1-2-2-Bk

7/16

8/17

89

7/15

8/17

87

Hv'd borders

A

(3495-98)

Stiff; long fls.  
Rhizom. circle, etc.

Q 1

IG-1 (4)

1231

BT6TA2-78-7-Bk  
-2-2-3-Bk

7/12

8/15

89

7/12

8/15

90

(3546-50)

IG-1 (1)

1232

BT6TA2-95-10-3  
-1-1-4

7/10

8/15

108

7/10

8/15

104

Hv'd borders

A

(3606)

Unseen pan. mat.

Ng

Q

IG-1 (5)

Ba.      %  
wT.    w/T

0

0

43.4    66.3/71.5

6615

0

0

41.7    46.4/71.4

6466

0

0

41.8    66.2/71.4

5862

0

0

41.4    64.3/69.4

6610



1233

BT6TA2-97-3-BK  
-2-1-3-BK

7/9

8/13

90

7/9

8/13

87



(3608-12)

Hv'd borders A

Excellent

DT

UHM

1234

BT6TA3-23-2  
-3-3-2-2-4

7/12

8/13

109

7/11

8/13

110

Hv'd borders

(3689)

N<sub>m</sub>; prob. weak??

N

1235

BT6TA3-35-4-1  
-1-1-1

7/12

8/13

105

7/11

8/13

104

(3706)

N

1236

BT6TA3-39-4-1  
-2-2-5

7/10

8/13

101

7/10

8/13

101

(3715)

NS



|      |                          |              |              |          |
|------|--------------------------|--------------|--------------|----------|
| 1237 | BTCTA3-63-1-4/<br>-1-3-4 | 7/12<br>7/12 | 8/13<br>8/13 | 82<br>90 |
|------|--------------------------|--------------|--------------|----------|

(3735)

Excellent plant

D  
VUF

|      |                           |            |              |          |
|------|---------------------------|------------|--------------|----------|
| 1238 | BTCTA3-69-2-4/<br>-2-5-Bk | 7/9<br>7/9 | 8/15<br>8/15 | 79<br>83 |
|------|---------------------------|------------|--------------|----------|



(3737-41)

Excellent  
Very early

D<sub>5</sub>

|      |      |              |              |            |
|------|------|--------------|--------------|------------|
| 1239 | NWBT | 7/22<br>7/21 | 8/27<br>8/27 | 113<br>114 |
|------|------|--------------|--------------|------------|

|      |      |              |              |            |
|------|------|--------------|--------------|------------|
| 1240 | SKBT | 7/13<br>7/11 | 8/17<br>8/17 | 118<br>116 |
|------|------|--------------|--------------|------------|





1241

BLMT

7/15

8/15

82

7/15

8/15

81

1242

LMNT

7/19

8/22

92

7/17

8/22

93

1243

NWRX

7/13

8/15

113

7/12

8/15

113

Drawn per. maturity

1244

LBLE

7/8

8/13

120

7/6

8/13

120



Seeded 4/26/84

South border

83/1236 =

North border

None

1245

C622A-Bk-5-1 | 131  
338

7/15

8/20

103

7/15

8/20

104

(835)

IG-1(2)

Excellent short normal

N

Umm

1246

C622A-Bk-18 | 142  
-3 434

7/12

8/17

101

7/9

8/14

105

(837)

IG-1(5)

Hv'd A  
border 9/12

Excellent short normal

HF, short

Very early

1247

C622A-Bk-43 | 243  
-4 429

7/13

8/17

86

7/11

8/17

94

(840)

IG-1(4)

Hv'd borders A  
9/12

Excellent

Dmt

1248

C622A-G-2 | 237  
444

7/10

8/17

102

7/10

8/17

99

(846)

IG-1(1)

Very good; most

HF

N m





|                      |                              |            |              |              |            |
|----------------------|------------------------------|------------|--------------|--------------|------------|
|                      |                              |            |              |              |            |
| 1249                 | C622A-7-2                    | 138<br>344 | 7/17<br>7/16 | 8/24<br>8/22 | 106<br>101 |
| H'd border<br>A 9/12 | (847)                        |            |              |              | IG-1(1)    |
|                      | Very good                    |            | Nm           |              |            |
|                      |                              |            |              |              |            |
| 1250                 | C622A-46-4                   | 234<br>331 | 7/12<br>7/10 | 8/20<br>8/20 | 106<br>105 |
|                      | (852)                        |            |              |              | IG-1(2)    |
|                      | Good but long flaps          |            | N            |              |            |
|                      |                              |            |              |              |            |
| 1251                 | C615A-Bk-26<br>- 8-Bk        | 137<br>343 | 7/31<br>7/31 | 8/31<br>8/31 | 92<br>90   |
| H'd borders<br>9/12  | (5075-77)                    |            |              |              |            |
|                      | Very good but<br>much later! |            | D            |              |            |
|                      |                              |            |              |              |            |
| 1252                 | C615A-Bk-72<br>- 8-5         | 242<br>431 | 7/26<br>7/25 | 8/27<br>8/27 | 92<br>93   |
|                      | (5211)                       |            |              |              |            |
|                      |                              |            | D            |              |            |



1253

C615A-36-9 | 123  
- Bk | 433

7/17

8/24

83

7/16

8/20

81

(5399-5400)

Ds

1254

C615A-Bk<sub>2</sub>-112 | 223  
- 2 | 435

7/17

8/17

106

7/16

8/17

107

h'd borders A

7/12

(5803)

Gen. very good

N

VUF

1255

C615A-Bk-201 | 135  
- 3 | 341

7/19

8/20

91

7/17

8/20

86

(6098)

Ds

1256

C612A-Bk-23 | 239  
- 4-Bk | 436

7/13

8/17

71

7/13

8/14

75

(6294-96)

VUF

Excellent; too short?

Ds

Same grass, II





1257

C612A-Bk<sub>2</sub>-78 | 238  
- Bk | 430

7/13

8/14

83

7/12

8/14

81

(6459-60)

Neat ; apple

Ds

HF, short

1258

C612A-Bk<sub>2</sub>-107 | 127  
- 2 | 342

7/15

8/17

77

7/14

8/17

74

(6506)

Excellent plant

Ds

1259

C612A-Bk-1 | 231  
- Bk | 329

7/16

8/17

83

7/15

8/17

83

(6795-97)

Excellent

1260

C612A-Bk-61 | 227  
- 5 | 443

7/15

8/20

88

7/13

8/17

86

Hv'd A  
border 9/12

(6913)

|   | Bu.  | %         |  |      |  |  |
|---|------|-----------|--|------|--|--|
|   | WT.  | w/T       |  |      |  |  |
|   | 42.2 | 52.2/13.1 |  | 6217 |  |  |
| 0 | 41.6 | 64.0/74.0 |  | 6993 |  |  |
| 0 | 43.2 | 43.0/72.8 |  | 6536 |  |  |
|   | 42.6 | 63.8/71.6 |  | 7178 |  |  |

1261

C612A-BK-76  
- BK236  
3287/14  
7/138/14  
8/1477  
79

(6947-48)

Excellent

Ds  
Yucca  
Urm

1262

C612A-BK-83  
- BK128  
3237/13  
7/118/14  
8/1475  
80

(6966-67)

Excellent

VUF  
Ds

1263

C612A-BK-96 -  
BK124  
4417/14  
7/118/17  
8/1475  
75

(6977-78)

Excellent

VUF  
Ds

1264

C610A-BK-63  
-10-2125  
3367/19  
7/178/22  
8/2090  
87if/d borders A  
7/12

(7344)

Excellent taller dwarf  
Rhiz. spot, II  
Neat





|      |             |     |      |      |    |
|------|-------------|-----|------|------|----|
| 1265 | C610A-Bk-64 | 235 | 7/22 | 8/20 | 85 |
|      | -5-Bk       | 428 | 7/18 | 8/20 | 82 |

(1357-58)

Excellent

Dms

|      |                         |     |      |      |    |
|------|-------------------------|-----|------|------|----|
| 1266 | C610A-Bk <sub>2</sub> - | 225 | 7/17 | 8/20 | 78 |
|      | 43-Bk                   | 442 | 7/16 | 8/20 | 79 |

H/d A  
border 9/12

(8254-55)

Excellent

D<sub>5</sub>

V<sub>442</sub>

|      |                           |     |      |      |    |
|------|---------------------------|-----|------|------|----|
| 1267 | C610A-Bk <sub>2</sub> -65 | 228 | 7/19 | 8/22 | 88 |
|      | -Bk                       | 326 | 7/18 | 8/22 | 90 |

H/d borders A  
9/12

(8308-09)

Rhizoc. circ. II  
Beautiful

|      |             |     |      |      |    |
|------|-------------|-----|------|------|----|
| 1268 | C609A-Bk-24 | 232 | 7/28 | 8/27 | 95 |
|      | -5-2        | 440 | 7/28 | 8/27 | 91 |

(8744)

Excellent

Yucca

D<sub>MT</sub>

| Bu. | %   |  |  |  |
|-----|-----|--|--|--|
| wT  | w/T |  |  |  |

|      |           |  |  |  |
|------|-----------|--|--|--|
| 43.8 | 68.8/72.8 |  |  |  |
|------|-----------|--|--|--|

6605

|      |           |  |  |  |
|------|-----------|--|--|--|
| 43.2 | 65.8/72.9 |  |  |  |
|------|-----------|--|--|--|

7227

|      |           |  |  |  |
|------|-----------|--|--|--|
| 41.0 | 64.4/72.0 |  |  |  |
|------|-----------|--|--|--|

6628

|      |           |  |  |  |
|------|-----------|--|--|--|
| 39.7 | 63.2/72.2 |  |  |  |
|------|-----------|--|--|--|

6332

|                     |                      |     |      |      |    |
|---------------------|----------------------|-----|------|------|----|
|                     |                      |     |      |      |    |
| 1269                | C609A-Bk-58          | 230 | 7/17 | 8/24 | 88 |
|                     | -1-Bk                | 427 | 7/17 | 8/24 | 88 |
| H'd borders<br>9/12 | A                    |     |      |      |    |
|                     | (8815-16)            |     |      |      |    |
|                     | Ving good            |     | Dm   |      |    |
|                     |                      |     |      |      |    |
| 1270                | C609A-Bk-81          | 233 | 7/20 | 8/24 | 87 |
|                     | -2-Bk                | 423 | 7/17 | 8/20 | 88 |
|                     | (8839-40)            |     |      |      |    |
|                     | Excellent            |     | Dm   |      |    |
|                     |                      |     |      |      |    |
| 1271                | C609A-3-4-3          | 143 | 7/19 | 8/22 | 87 |
|                     |                      | 333 | 7/17 | 8/20 | 93 |
| H'd borders<br>9/12 | A                    |     |      |      |    |
|                     | (8890)               |     |      |      |    |
|                     |                      |     | Dt   |      |    |
|                     |                      |     | VUF  |      |    |
|                     |                      |     |      |      |    |
| 1272                | C609A-27-3           | 129 | 7/21 | 8/22 | 86 |
|                     | -Bk                  | 337 | 7/17 | 8/22 | 86 |
|                     | (8960-61)            |     |      |      |    |
|                     | Excellent            |     | VUF  |      |    |
|                     | tall boys (required) |     | D    |      |    |

| Bei. | %         |
|------|-----------|
| wt.  | w/T       |
| 39,7 | 51,1/73,1 |

6903

|      |           |
|------|-----------|
| 40,3 | 60,8/72,4 |
|------|-----------|

6500

|      |           |
|------|-----------|
| 43,0 | 65,0/72,0 |
|------|-----------|

6762

|      |           |
|------|-----------|
| 43,8 | 66,8/72,7 |
|------|-----------|

6356



|      |                  |            |              |              |          |
|------|------------------|------------|--------------|--------------|----------|
| 1273 | C609A-27-3<br>-3 | 226<br>340 | 7/17<br>7/16 | 8/24<br>8/24 | 87<br>84 |
|------|------------------|------------|--------------|--------------|----------|

Hv'd A  
border 9/12

(8962)

Excellent

|      |                  |            |              |              |          |
|------|------------------|------------|--------------|--------------|----------|
| 1274 | C609A-59-1<br>-4 | 144<br>325 | 7/24<br>7/20 | 8/24<br>8/24 | 87<br>92 |
|------|------------------|------------|--------------|--------------|----------|

(9045)

VUF, long  
No?

|      |                   |            |              |              |            |
|------|-------------------|------------|--------------|--------------|------------|
| 1275 | C609A-76-3<br>-Bk | 140<br>332 | 7/21<br>7/17 | 8/24<br>8/20 | 108<br>110 |
|------|-------------------|------------|--------------|--------------|------------|

Hv'd borders A  
9/12

(9089-91)

Good normal

N  
VUF

|      |             |            |              |              |          |
|------|-------------|------------|--------------|--------------|----------|
| 1276 | C642A-6-4-i | 224<br>437 | 7/15<br>7/14 | 8/17<br>8/14 | 89<br>84 |
|------|-------------|------------|--------------|--------------|----------|

(9662)

Excellent; great

DT  
VUF

Ber

%

u.T.

u/T

42.6

62.2/73.0

7247

41.7

65.0/72.6

6695

43.8

66.1/73.4

7032

42.8

65.6/72.3

6536

|      |                  |            |              |              |          |
|------|------------------|------------|--------------|--------------|----------|
| 1277 | C642A-23-2<br>-5 | 244<br>327 | 7/13<br>7/11 | 8/17<br>8/17 | 85<br>87 |
|------|------------------|------------|--------------|--------------|----------|

(9692)

Very good

D<sub>MT</sub>  
HF

|      |                   |            |              |              |          |
|------|-------------------|------------|--------------|--------------|----------|
| 1278 | C642A-29-3<br>-Bk | 133<br>439 | 7/17<br>7/14 | 8/22<br>8/20 | 96<br>94 |
|------|-------------------|------------|--------------|--------------|----------|



(9705-07)

Hwd A

border 9/12 Excellent

AF  
D<sub>T</sub>

|      |                   |            |              |              |          |
|------|-------------------|------------|--------------|--------------|----------|
| 1279 | C642A-Bk-21<br>-2 | 139<br>424 | 7/16<br>7/13 | 8/20<br>8/14 | 92<br>90 |
|------|-------------------|------------|--------------|--------------|----------|



(9745)

Very good; met

D<sub>T</sub>  
AF

|      |                    |            |              |              |          |
|------|--------------------|------------|--------------|--------------|----------|
| 1280 | C642A-Bk-62<br>-Bk | 240<br>324 | 7/18<br>7/17 | 8/22<br>8/20 | 85<br>86 |
|------|--------------------|------------|--------------|--------------|----------|



(9787-88)

v'd borders A  
9/12

Excellent

UHM  
WF  
D<sub>m</sub>





1281

|              |     |      |      |    |
|--------------|-----|------|------|----|
| C611A-1-4-BK | 229 | 7/14 | 8/17 | 86 |
|              | 438 | 7/14 | 8/22 | 89 |

(10059-60)

Very good

HF?

Bad grass, II

1282

|             |     |     |      |    |
|-------------|-----|-----|------|----|
| C634A-BK-37 | 241 | 7/9 | 8/14 | 67 |
| -BK         | 432 | 7/8 | 8/14 | 70 |

(4347-50)

Too short

D<sub>5</sub>

1283

|                |     |      |      |    |
|----------------|-----|------|------|----|
| BT41A1-178-3-3 | 132 | 7/20 | 8/22 | 97 |
| -2             | 335 | 7/18 | 8/22 | 90 |

RU8303046

(46)

1284

|      |     |      |      |     |
|------|-----|------|------|-----|
| SKBT | 136 | 7/19 | 8/27 | 112 |
|      | 425 | 7/16 | 8/24 | 115 |

Fd



|      |      |     |      |      |     |
|------|------|-----|------|------|-----|
| 1285 | LBNT | 126 | 7/22 | 8/27 | 120 |
|      |      | 334 | 7/19 | 8/24 | 125 |

(Fd)

|      |      |     |      |      |     |
|------|------|-----|------|------|-----|
| 1286 | BOND | 141 | 7/14 | 8/24 | 104 |
|      |      | 330 | 7/13 | 8/22 | 103 |

(Stg)

|      |      |     |      |      |     |
|------|------|-----|------|------|-----|
| 1287 | LBLE | 134 | 7/13 | 8/20 | 120 |
|      |      | 426 | 7/11 | 8/17 | 117 |

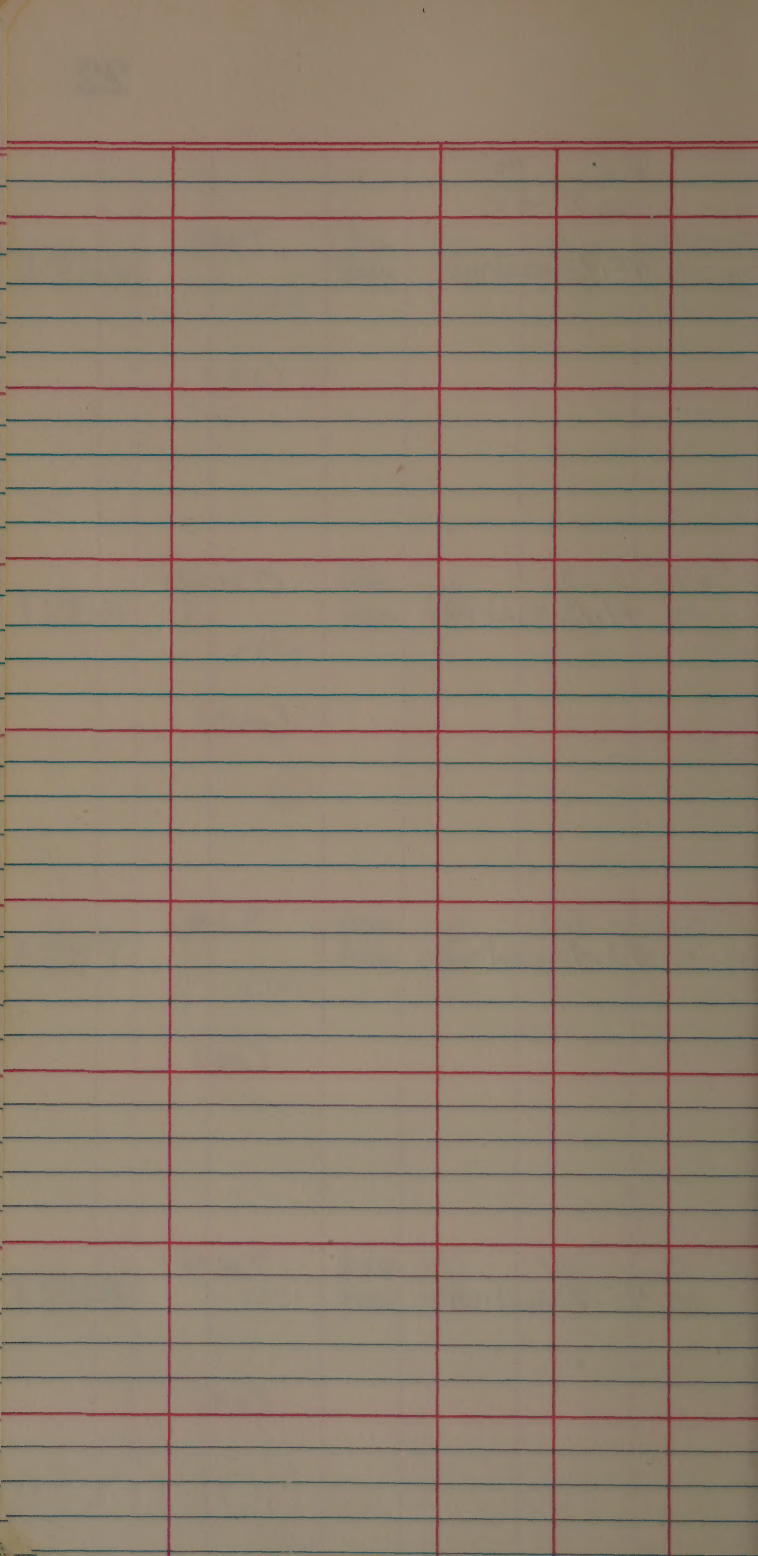
(Fd)

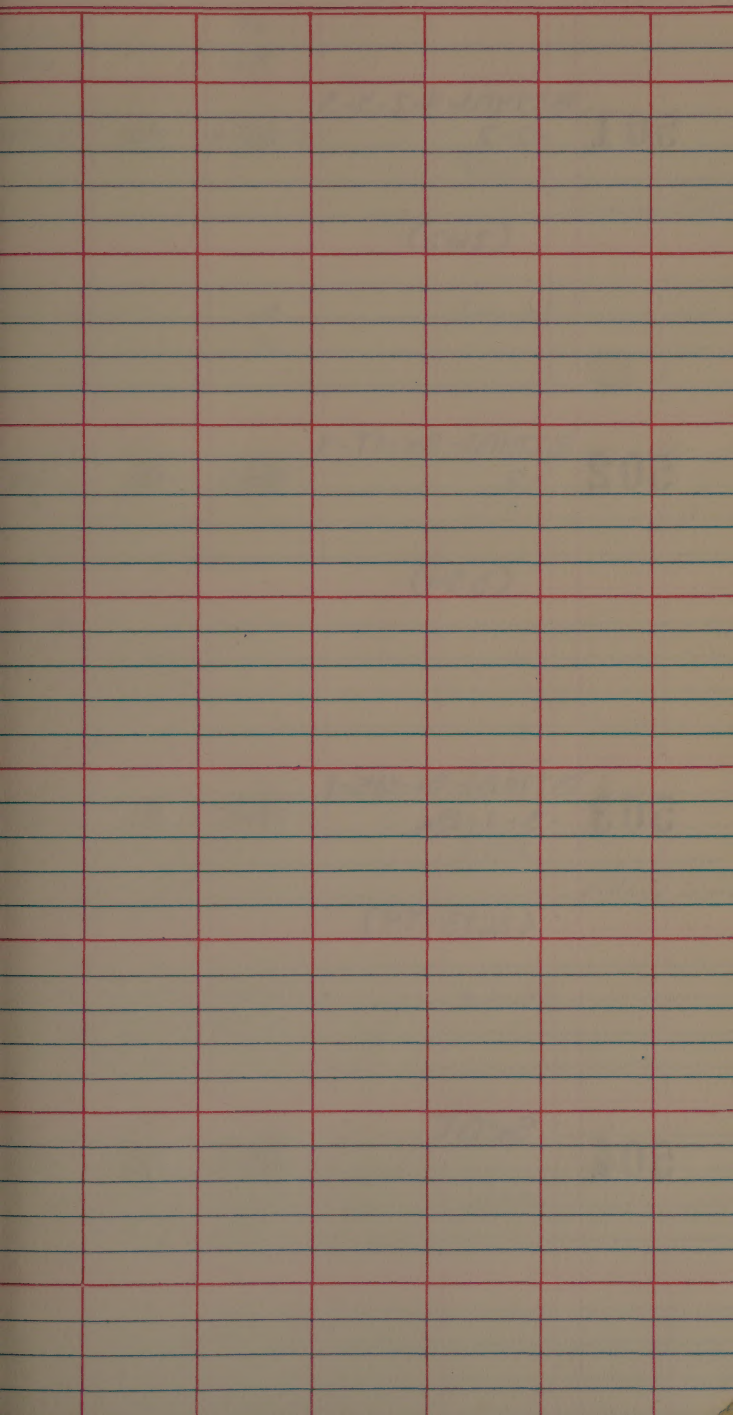
|      |      |     |      |      |    |
|------|------|-----|------|------|----|
| 1288 | LMNT | 130 | 7/23 | 8/29 | 91 |
|      |      | 339 | 7/22 | 8/27 | 88 |

(Fd)









Seeded 4/18/84 H/d South border 8003009  
H/d 8/30 North border 8003005

|             |                            |            |      | Ht.<br>cm. |
|-------------|----------------------------|------------|------|------------|
| 501         | BT74A1-4-2-5-3<br>-2-2     | 7/15       | 8/20 | 104        |
| H/d borders | (2612)                     |            |      |            |
|             | Very good                  | Ns<br>UF   |      |            |
| 502         | BT74A1-Bk-17-4<br>-2       | 7/15       | 8/15 | 90         |
|             | (334)                      |            |      |            |
|             |                            |            |      | IG-1(5)    |
| 503         | BT74A1-Bk-105-1<br>-3-1-Bk | 7/9        | 8/14 | 87         |
| H/d borders | (2673-74)                  |            |      |            |
|             | Excellent                  | VUF<br>UHM |      |            |
| 504         | SKBT                       | 7/13       | 8/20 | 116        |

Bus. wt.  
LBS.

%

w/T

43.6

61.2/12.0

7160

43.5

64.2/11.2

6271

43.6

65.1/11.8

6898

43.9

64.0/12.1

6266



|     |                           |      |      |    |
|-----|---------------------------|------|------|----|
| 505 | B774A1-Bk-138<br>-2-5-4-5 | 7/13 | 8/15 | 92 |
|-----|---------------------------|------|------|----|

(2703)

|     |                           |      |      |    |
|-----|---------------------------|------|------|----|
| 506 | B774A1-Bk-140<br>-1-2-5-2 | 7/13 | 8/15 | 94 |
|-----|---------------------------|------|------|----|

(2705)

|     |                             |      |      |    |
|-----|-----------------------------|------|------|----|
| 507 | B774A1-Bk-147<br>-5-1-2-13k | 7/14 | 8/17 | 97 |
|-----|-----------------------------|------|------|----|

v'd borders

(2710-12)

Excell'd plant

UVF, long

|     |      |      |      |     |
|-----|------|------|------|-----|
| 508 | TBNT | 7/10 | 8/20 | 128 |
|-----|------|------|------|-----|

Shore pass. mut



509

B774A1-Bk-153  
-1-3-3-Bk

7/14

8/15

92

(2714-18)

IG-1(1)

510

7/15

8/15

86

(2736-39)

511

B774A2-13-4-5  
-4-4-Bk

7/11

8/15

107

(2761-63)

Gen. very good;

Nm

512

LMNT

7/18

8/22

95





513

B774A2-25-5  
-2-1-2-2

7/16

8/15

95

(2772)

514

B774A2-27-2-3  
-5-3-BK

7/13

8/14

80

lv'd borders

(2777-81)

Excellent plant

Yucca

Q

IG-1(4)

515

B774A2-27-3  
-4-1-1-2

7/12

8/15

105

(2783)

Nm

516

RU8303181

7/10

8/14

89

Looks very good!

| Bvs. | %         |  |      |  |
|------|-----------|--|------|--|
| LT.  | w/T       |  |      |  |
| 42.1 | 60.8/71.8 |  | 5736 |  |
| 42.5 | 61.6/70.8 |  | 6456 |  |
| 43.1 | 59.8/70.9 |  | 6569 |  |
| 40.7 | 62.6/71.4 |  | 6754 |  |

517

B774A2-Bk-8-5

-Bk

RU8303043

7/14

8/22

96

(43)

IG-1(2)

Leaves very good

518

B774A2-Bk-10-4

-3-4-Bk

7/11

8/14

86

(2792-96)

D

519

B774A2-Bk-73

-2

7/15

8/15

89

lv'd borders

(32)

IG-1(2)

Stems green & mat?

520

LBLE

7/7

8/15

119





|     |                                                        |           |      |                |
|-----|--------------------------------------------------------|-----------|------|----------------|
| 521 | B774A2-Bk-92<br>-5-4-1-Bk                              | 7/16      | 8/17 | 98             |
|     | (2843-47)                                              |           |      |                |
|     | Gen. good; leafy?<br>Cleaner, green leaves<br>at rest. | DT        |      |                |
| 522 | B774A2-Bk-161<br>-Bk-2-4-5-4                           | 7/11      | 8/15 | 111            |
|     | (2888)                                                 |           |      |                |
|     |                                                        | N         |      |                |
| 523 | B774A2-Bk-192<br>-3-2-4-5                              | 7/12      | 8/15 | 94             |
|     | (2909)                                                 |           |      |                |
|     | Excellent                                              | DT<br>VUF |      |                |
| 524 | B774A2-Bk-218<br>-3-3-3-3                              | 7/15      | 8/15 | 87             |
|     | (509)                                                  |           |      |                |
|     | Variable but spalled<br>Rogued                         |           |      | Q1+<br>IG-1(4) |



|     |                                       |      |      |    |
|-----|---------------------------------------|------|------|----|
| 525 | B774A2-BK <sub>2</sub> -53<br>-BK-2-5 | 7/10 | 8/14 | 92 |
|-----|---------------------------------------|------|------|----|

(511)

Variable ht; leafy

IG-1(4)

|     |                                       |      |      |    |
|-----|---------------------------------------|------|------|----|
| 526 | B774A2-BK <sub>2</sub> -86<br>-2-3-BK | 7/12 | 8/15 | 82 |
|-----|---------------------------------------|------|------|----|

(514)

IG-1(4)

|     |                                      |      |      |    |
|-----|--------------------------------------|------|------|----|
| 527 | B774A2-BK <sub>2</sub> -105<br>-1-BK | 7/13 | 8/14 | 86 |
|-----|--------------------------------------|------|------|----|

(1220)

leafy

IG-1(4)

|     |                                      |      |      |    |
|-----|--------------------------------------|------|------|----|
| 528 | B774A2-BK <sub>2</sub> -149<br>-4-BK | 7/12 | 8/14 | 81 |
|-----|--------------------------------------|------|------|----|

v/d borders

(3034-38)

Excellent plant

φ

IG-1(4)





|     |                                      |      |      |    |
|-----|--------------------------------------|------|------|----|
| 529 | BTT4A2-Bk <sub>2</sub> -183<br>-5-Bk | 7/13 | 8/15 | 96 |
|-----|--------------------------------------|------|------|----|

(3076-80)

IG-1(u)

D<sub>T</sub>  
VUF

|     |                                         |      |      |    |
|-----|-----------------------------------------|------|------|----|
| 530 | BTT4A2-Bk <sub>2</sub> -197<br>-Bk-4-Bk | 7/13 | 8/15 | 90 |
|-----|-----------------------------------------|------|------|----|

vd borders

(3111-15)

9

UF  
D<sub>mt</sub>

IG-1(i)

|     |        |      |      |     |
|-----|--------|------|------|-----|
| 531 | Toro-2 | 7/18 | 8/22 | 110 |
|-----|--------|------|------|-----|

|     |                        |     |      |     |
|-----|------------------------|-----|------|-----|
| 532 | B767A1-21-5-1<br>-4-Bk | 7/8 | 8/14 | 118 |
|-----|------------------------|-----|------|-----|

(3142-43)

looks very good

N  
UHF

| BUS.<br>WT. | %<br>w/T  |  |      |  |
|-------------|-----------|--|------|--|
| 43.3        | 63.9/71.4 |  | 6271 |  |
| 43.0        | 65.4/72.1 |  | 6410 |  |
| 41.1        | 62.8/72.6 |  | 6589 |  |
| 41.8        | 62.8/70.4 |  | 6615 |  |

533

B767A1-51-2-BK

7/10

8/14

90

(3148-51)

IG-1(4)

AF

534

B767A1-75-2-3

-4-1

7/11

8/14

112

(3153-56)

N

535

B767A1-80-3-3

-1-BK

7/10

8/14

91

(3161-62)

Highly variable  
Drop

536

B767A2-4-5-2-3

-4-BK

7/12

8/14

110

(3182-83)

Leafy?

N





537

BT67A2-8-1-4-2-2

-3-BK

7/11

8/14

86

(3189-92)

Excellent plant

VOF

538

BT67A2-8-3-5-BK<sub>2</sub>

-2-3-BK

7/14

8/15

110

(3194-98)

Leafy; tall; power

N

539

BT67A2-13-2-3-1

-3-1

7/7

8/14

99

(3211)

Song flaps; two leafy?  
Very early

N

540

BT67A2-18-2-1-BK

7/14

8/15

91

(1226)

Variable  
Rhizoc. circle!

IG-1(7)



541

BT6TA2-19-1-4-1-1

-4-3

7/11

8/14

89

(3218)

542

BT6TA2-22-2-5-3

-2

7/15

8/22

78

w'd borders

(1227)

IG-1(7)

long upright flaps

9

543

BT6TA2-25-2-2-3

-2-2

7/13

8/15

113

(3238)

leafy; poorer

N

544

BT6TA2-41-1-3-1

7/12

8/14

111

w'd borders

(524)

91

N

IG-1(1)

Ba  
WT.o/o  
w/T

40.3

64.4/10.7

5870

42.2

61.2/9.7

6403

(20)

63.8/11.3

5042

42.6

(30)

60.2/68.3

6502

41.3



|              |                                                                                      |      |      |         |
|--------------|--------------------------------------------------------------------------------------|------|------|---------|
|              |                                                                                      |      |      |         |
| 545          | B767A2-46-3-2-3<br>-2-5                                                              | 7/7  | 8/15 | 120     |
| Hv'd borders | (3303)                                                                               |      |      |         |
|              | Gen. very good novel!<br>Shaves pom. mat.<br>Very early; prob. too<br>early to work? | N    |      |         |
| 546          | B767A2-48-10-3-3<br>-2-2                                                             | 7/12 | 8/15 | 94      |
|              | (3305)                                                                               |      |      |         |
|              | Shaves pom. mat.                                                                     |      |      |         |
| 547          | B767A2-51-2-1-3<br>-2-BK                                                             | 7/9  | 8/15 | 106     |
|              | (3314-18)                                                                            |      |      | IG-1(1) |
|              | Very good short novel.<br>Shaves pom. mat.                                           | N    |      |         |
| 548          | L-202                                                                                | 7/8  | 8/20 | 196     |



549

BT6TA2-51-3-2-1

7/9

8/15

80

(1229)

Looks very good  
Bad shape. circle!

AF

Ds

IG-1(3)

550

BT6TA2-56-4-3-4

-1-3-BK

7/12

8/17

101

d borders

(3340-42)

Ns

VUF

551

BT6TA2-57-8-1-2

-1-BK

7/10

8/15

116

(3351-55)

IG-1(4)

N

552

LBNT

7/15

8/15

129





|     |                            |      |      |    |
|-----|----------------------------|------|------|----|
| 553 | BT67A2-61-1-1-3-3<br>-4-Bk | 7/15 | 8/17 | 90 |
|-----|----------------------------|------|------|----|

(3356-60)

*long upright flaps.*

|     |                               |      |      |    |
|-----|-------------------------------|------|------|----|
| 554 | BT67A2-61-2-2-Bk<br>-1-2-4-Bk | 7/11 | 8/15 | 87 |
|-----|-------------------------------|------|------|----|

(3392-96)

IG-1(1)

|     |                            |      |      |    |
|-----|----------------------------|------|------|----|
| 555 | BT67A2-61-4-2-4-1<br>-3-Bk | 7/10 | 8/15 | 91 |
|-----|----------------------------|------|------|----|

(3397-98)

*Excellent*

|     |      |      |      |    |
|-----|------|------|------|----|
| 556 | BLMT | 7/14 | 8/15 | 86 |
|-----|------|------|------|----|

| Bar | %   |
|-----|-----|
| WT. | W/T |

|      |           |
|------|-----------|
| 41.1 | 60.2/70.2 |
|------|-----------|

6286

|      |           |
|------|-----------|
| 39.0 | 56.1/69.1 |
|------|-----------|

6117

|      |           |
|------|-----------|
| 42.1 | 63.2/72.5 |
|------|-----------|

6528

|      |           |
|------|-----------|
| 42.7 | 68.3/72.4 |
|------|-----------|

6189

|             |                                       |       |      |          |
|-------------|---------------------------------------|-------|------|----------|
| 557         | BT6TA2-62-5-3-Bk<br>-3-2-2-Bk         | 7/11  | 8/14 | 81       |
| old borders | (3443-47)                             |       |      |          |
|             |                                       | Yucca |      |          |
| 558         | BT6TA2-64-2-1-3<br>-2-2-Bk            | 7/9   | 8/14 | 108      |
| old borders | (3462-63)                             |       |      | 9        |
|             |                                       | N     |      | IG-1 (1) |
| 559         | BT6TA2-65-5-3-2<br>-3-2-1-Bk          | 7/15  | 8/20 | 87       |
| old borders | (3469-73)                             |       |      |          |
|             | Beautiful but later                   |       |      |          |
| 560         | NWBT                                  | 7/22  | 8/27 | 115      |
|             | Severe lent<br>senescence at<br>root. |       |      |          |





561

BT67A2-67-1-2-2

-3-1

7/15

8/20

114

(3480)

N

562

BT67A2-10-5-3-Bk

-3-Bk

7/11

8/14

82

(1232)

Yucca

Q 1+

IG-1 (4)

563

BT67A2-74-9-2-2

-2-29/30

7/10

8/14

99



(3529-30)

vd borders

Beautiful short normal

VHM

Q

IG-1 (1)

564

TBNT

7/7

8/20

123

Slow pace met.



|     |                         |     |      |    |
|-----|-------------------------|-----|------|----|
| 565 | BT67A2-83-1-3-1<br>-3-5 | 7/8 | 8/14 | 99 |
|-----|-------------------------|-----|------|----|

(3571)

|     |                            |      |      |    |
|-----|----------------------------|------|------|----|
| 566 | BT67A2-91-3-1-3<br>-1-1-Bk | 7/12 | 8/14 | 89 |
|-----|----------------------------|------|------|----|

(3596-97)

Some lt. var  
Rhy. spot

|     |                              |      |      |    |
|-----|------------------------------|------|------|----|
| 567 | BT67A2-97-5-1-2<br>-1-2-3-Bk | 7/12 | 8/14 | 85 |
|-----|------------------------------|------|------|----|

(3634-38)

IG-1 (1)

Beautiful

D  
YUF  
UHM

|     |                               |      |      |    |
|-----|-------------------------------|------|------|----|
| 568 | BT67A2-100-4-1-1<br>-1-1-3-Bk | 7/10 | 8/14 | 87 |
|-----|-------------------------------|------|------|----|

(3650-54)

Beautiful

AF  
UHM

| B4.  | %         |
|------|-----------|
| WT.  | W/T       |
| 40.4 | 63.6/70.8 |

6322

|      |           |
|------|-----------|
| 43.0 | 65.4/71.4 |
|------|-----------|

6050

|      |           |
|------|-----------|
| 41.6 | 64.4/71.8 |
|------|-----------|

6559

|      |           |
|------|-----------|
| 41.3 | 62.1/71.0 |
|------|-----------|

6045



569

BT6TA2-103-2-5-2  
-3-5-BK

7/10

8/14

91

(3660-64)

w'd borders

570

BT6TA2-103-6-BK-2  
-3-4-BK

7/7

8/14

89

(3667-69)

D<sub>5</sub>

571

BT6TA3-7-2-2-1-1  
-5

7/11

8/14

107

(3680)

Ht. not.

572

BT6TA3-40-3-3-3  
-3-1

7/10

8/14

104

(3721)

Off-types

N



|     |                        |      |      |    |
|-----|------------------------|------|------|----|
| 573 | BT67A3-14-2-BK-2<br>-2 | 7/13 | 8/20 | 80 |
|-----|------------------------|------|------|----|

(541)

Variable, taller & shorter  
Drop

Q 1

IG-1(1)

|     |                         |      |      |    |
|-----|-------------------------|------|------|----|
| 574 | BT41A1-14-3-2-5<br>-3-3 | 7/16 | 8/22 | 86 |
|-----|-------------------------|------|------|----|

(1201)

Leafy ?

long flags  
VUF

IG-1(1)

|     |                                      |      |      |    |
|-----|--------------------------------------|------|------|----|
| 575 | BT41A1-21-2-4-2<br>-2-1<br>RU8203150 | 7/15 | 8/20 | 94 |
|-----|--------------------------------------|------|------|----|

(150)

|     |                          |      |      |    |
|-----|--------------------------|------|------|----|
| 576 | BT41A1-24-2-4-4<br>-3-BK | 7/17 | 8/22 | 85 |
|-----|--------------------------|------|------|----|

(1202)

IG-1(1)

| Bu.  | %         |
|------|-----------|
| WT.  | w/T       |
| 42.4 | 58.8/70.6 |

6322

|      |           |
|------|-----------|
| 41.7 | 63.8/73.4 |
|------|-----------|

5639

|      |           |
|------|-----------|
| 41.4 | 67.6/73.8 |
|------|-----------|

6502

|      |           |
|------|-----------|
| 42.1 | 65.4/73.2 |
|------|-----------|

7150



577

BT41A1-12-2-7-4  
-3-BK

7/15

8/22

90

(1203)

IG-1(1)

*Variable; many  
tall segs*

578

LEAH

7/17

8/24

109

579

BT41A1-101-2-4-BK

7/16

8/22

94

(1204)

IG-1(1)

*may tall segs*

580

BT41A1-109-3-1-2

7/17

8/20

89

(311)

IG-1(1)



581

BT41A1-127-3-2-2

7/15

8/20

94

RU8303069

(69)

IG-1(1)

582

BT41A1-143-1-3-2

7/15

8/20

91

(1205)

IG-1(4F)

583

BT41A1-227-3-3

-2

7/17

8/20

87

(322)

IG-1(1)

584

BT41A1-240-2-3

-2

7/16

8/20

92

(1208)

IG-1(1)

RV %

WT W/T

42.1 65.6/73.8

5937

42.5 63.8/73.2

6368

43.8 69.3/75.0

hulled?

6374

42.1 61.4/72.6

5803



|            |                                         |      |      |          |
|------------|-----------------------------------------|------|------|----------|
|            |                                         |      |      |          |
| 585        | B741A1-259-3-4<br>-2                    | 7/17 | 8/20 | 92       |
| vd borkers | (1209)                                  |      |      | IG-1 (1) |
| 586        | B7114A1-Bk <sub>3</sub> -106<br>-4      | 7/12 | 8/20 | 111      |
|            | (542)                                   |      |      | Q 1      |
|            | Bed thij. spot                          | N    |      | IG-1 (1) |
| 587        | B7116A1-27-Bk <sub>2</sub> -5<br>-4-5-2 | 7/6  | 8/14 | 114      |
|            | (545)                                   |      |      | Q 2      |
|            |                                         | N    |      | IG-1 (1) |
| 588        | B7421A1-57-3-4<br>-3-3-1                | 7/7  | 8/14 | 114      |
|            | (546)                                   |      |      | Q 1      |
|            |                                         | N    |      | IG-1 (1) |

| Bu.  | %         |
|------|-----------|
| WT.  | W/T       |
| 43.0 | 67.6/73.6 |

7967

|    |      |           |
|----|------|-----------|
| 40 | 41.4 | 60.6/72.0 |
|----|------|-----------|

6302

|      |           |
|------|-----------|
| 40.8 | 58.4/71.4 |
|------|-----------|

5456

|      |           |
|------|-----------|
| 43.3 | 64.0/71.8 |
|------|-----------|

6024

SNP II

South border

7/22 glut.

Seeded 4/27/84

North border

83/324/04

589

C615A-Bk-8-7  
-2

7/21

8/22

89

(5012)

590

C615A-Bk-9-1-1

7/28

8/31

85

(5016)

IG-1(5)

591

C615A-Bk-17-7  
-4

7/26

8/24

78

(5045)

Very neat & uniform  
but smaller panicle

592

BOND

7/15

8/29

104

(Stg)

| Bu   | %         |
|------|-----------|
| w T  | w T       |
| 44,6 | 67.0/73.6 |

6682

|      |           |
|------|-----------|
| 40,3 | 57.1/71.8 |
|------|-----------|

6831

|      |           |
|------|-----------|
| 44,2 | 39.2/73.1 |
|------|-----------|

6245

|      |           |
|------|-----------|
| 40,9 | 53.0/71.2 |
|------|-----------|

6117



|                     |                      |      |      |         |
|---------------------|----------------------|------|------|---------|
| 593                 | C615A-BK-27-6<br>-4  | 7/27 | 8/29 | 92      |
|                     | (5087)               |      |      |         |
| 594                 | C615A-BK-45-10<br>-3 | 7/27 | 8/31 | 92      |
| 1/2 borders<br>9/12 | (5127)               |      |      | IG-1(3) |
| 595                 | C615A-BK-61-5<br>-BK | 7/29 | 8/29 | 83      |
|                     | (5171-72)            |      |      | IG-1(6) |
| 596                 | LBNT                 | 7/23 | 8/31 | 122     |
|                     | (Fd)                 |      |      |         |



597

C615A-BK-77-10  
-BK

7/22

8/22

83

(5228-30)

598

C615A-BK-80-10  
-4

7/28

8/27

78

(5241)

Excellent

Ds

599

C615A-1-10-2

7/22

8/27

92

(5244)

IG-1(5)

Some lit. var.

D<sub>T</sub>  
VUF

600

SKBT

7/19

8/31

113

(Fd)

Bu. o/o

WT. w/t

42.9 64.8/72.9

6476

42.9 65.4/73.0

6625

43.8 64.2/71.9

6769

0 43.8 64.7/72.6

7196



|             |              |                 |      |    |
|-------------|--------------|-----------------|------|----|
|             |              |                 |      |    |
| ✓ 601       | C615A-4-2-3  | 7/22            | 8/27 | 90 |
| Hvd borders | (5250)       |                 |      |    |
|             |              |                 |      |    |
|             |              |                 |      |    |
| 602         | C615A-13-5-5 | 7/26            | 8/29 | 92 |
| Hvd borders |              |                 |      |    |
| 9/12        | (5279)       |                 |      |    |
|             | Excellent    | HF              |      |    |
|             |              | D <sub>11</sub> |      |    |
|             |              |                 |      |    |
| 603         | C615A-22-2-1 | 7/28            | 8/29 | 79 |
|             | (5300)       |                 |      |    |
|             |              | D <sub>5</sub>  |      |    |
|             |              | VVF             |      |    |
|             |              | U <sub>11</sub> |      |    |
|             |              |                 |      |    |
| 604         | RV8303046    | 7/19            | 8/24 | 85 |
|             | (46)         |                 |      |    |

| Bu   | %         |
|------|-----------|
| WT.  | W/T       |
| 42.4 | 61.6/71.8 |
| 43.6 | 61.8/73.1 |
| 44.5 | 63.1/72.0 |
| 43.7 | 65.4/72.8 |

7222

7360

6985

8029

|                      |               |      |      |         |
|----------------------|---------------|------|------|---------|
|                      |               |      |      |         |
| 605                  | C615A-24-2-3  | 7/29 | 8/29 | 87      |
| Av'd borders<br>9/12 | (5322)        |      |      |         |
|                      |               |      |      |         |
|                      |               |      |      |         |
| 606                  | C615A-26-8-1  | 7/22 | 8/29 | 85      |
| Av'd borders         | (5346)        |      |      |         |
|                      | Very good     |      |      |         |
|                      |               |      |      |         |
| 607                  | C615A-33-10-1 | 7/21 | 8/27 | 87      |
| Av'd borders         | (5372)        |      |      |         |
|                      |               |      |      | JG-1(4) |
|                      |               | DT   |      |         |
|                      |               |      |      |         |
| 608                  | LMNT          | 7/23 | 8/29 | 85      |
|                      | (Fd)          |      |      |         |
|                      |               |      |      |         |
|                      |               |      |      |         |

| Bu. | %   |
|-----|-----|
| WT. | W/T |

|      |           |
|------|-----------|
| 43.1 | 66.8/72.5 |
|------|-----------|

7633

|      |           |
|------|-----------|
| 44.1 | 62.5/73.2 |
|------|-----------|

8399

|      |           |
|------|-----------|
| 44.6 | 67.0/72.6 |
|------|-----------|

7761

|      |           |
|------|-----------|
| 43.3 | 66.2/72.6 |
|------|-----------|

8034



|              |               |      |      |         |
|--------------|---------------|------|------|---------|
|              |               |      |      |         |
| 609          | C615A-37-3-BK | 7/19 | 8/24 | 77      |
|              | (5403-04)     |      |      | IG-1(5) |
| 610          | C615A-48-10-3 | 7/18 | 8/20 | 82      |
| Hv'd borders | (5483)        |      |      |         |
| 611          | C615A-51-4-3  | 7/17 | 8/20 | 87      |
|              | (5493)        |      |      | IG-1(5) |
|              |               | VUF  |      |         |
|              |               | Dm   |      |         |
| 612          | C615A-63-7-3  | 7/29 | 8/29 | 93      |
|              | (5529)        |      |      | IG-1(4) |

| Be.  | %         |
|------|-----------|
| W.T. | W/T       |
| 42.9 | 63.5/72.3 |

6975

|      |           |
|------|-----------|
| 44.1 | 64.5/72.6 |
|------|-----------|

6949

|      |           |
|------|-----------|
| 44.8 | 67.4/73.4 |
|------|-----------|

6579

|      |           |
|------|-----------|
| 43.7 | 65.9/72.4 |
|------|-----------|

7172

613

C615A-70-7-BK

7/20

8/27

94

(5565-66)

Variable

614

7/20

8/20

81

(5637)

615

C615A-88-9-3

7/19

8/20

78

(5649)

616

C615A-96-9-5

7/28

8/31

90

(5703)

Excellent plant

D<sub>r</sub>  
VUF





617

CG15A-99-8-1

7/16

8/20

76

Hv'd borders

(5704)

Excellent

618

CG15A-BK<sub>2</sub>-2-3

7/29

8/31

88

(5711)

Later but beautiful

619

LEAH

7/25

8/31

107

(CRO)

620

CG15A-BK<sub>2</sub>-37  
-3

7/21

8/22

75

(5737)

D<sub>3</sub>



|                     |                                    |                       |      |    |
|---------------------|------------------------------------|-----------------------|------|----|
| ✓ 621               | C615A-Bk <sub>2</sub> -93<br>-1    | 7/22                  | 8/29 | 83 |
| w'd borders         | (5777)                             |                       |      |    |
|                     |                                    | D <sub>m</sub><br>VUF |      |    |
| 622                 | C615A-Bk <sub>2</sub> -106<br>-3   | 7/29                  | 8/31 | 92 |
|                     | (5794)                             |                       |      |    |
|                     |                                    | D <sub>T</sub><br>VUF |      |    |
| 623                 | C615A-Bk <sub>2</sub> -108<br>-2   | 7/29                  | 8/31 | 86 |
| w'd borders<br>9/12 | (5798)                             |                       |      |    |
|                     |                                    | D <sub>T</sub><br>VUF |      |    |
| ✓ 624               | C615A-Bk <sub>2</sub> -113<br>-3   | 7/28                  | 8/29 | 76 |
| w'd borders         | (5809)                             |                       |      |    |
|                     |                                    | VUF                   |      |    |
|                     | Beautiful plant<br>cheerier leaves | D <sub>S</sub><br>VHM |      |    |

| Bar. | %         |
|------|-----------|
| W.T. | W/T       |
| 44.0 | 56.1/72.6 |

7715

|      |           |
|------|-----------|
| 42.5 | 64.8/71.8 |
|------|-----------|

7078

|      |           |
|------|-----------|
| 42.6 | 64.5/72.0 |
|------|-----------|

7458

|      |           |
|------|-----------|
| 45.0 | 67.4/72.7 |
|------|-----------|

7073



|             |                                                        |                  |      |     |
|-------------|--------------------------------------------------------|------------------|------|-----|
| ✓ 625       | CG15A-Bk <sub>2</sub> -116<br>-3                       | 7/22             | 8/27 | 80  |
| Hvd borders | (5814)                                                 |                  |      |     |
|             | Excellent plant                                        | VVF<br>Ds<br>Hvd |      |     |
| 626         | CG15A-Bk <sub>2</sub> -118<br>-3                       | 7/21             | 8/24 | 82  |
|             | (5819)                                                 |                  |      |     |
| 627         | TBNT                                                   | 7/15             | 8/27 | 123 |
|             | (Stg)                                                  |                  |      |     |
|             | Slower grow. mat.<br>Severe leaf senescence<br>at mat. |                  |      |     |
| ✓ 628       | CG15A-Bk <sub>2</sub> -139<br>-3                       | 7/21             | 8/24 | 90  |
| Hvd borders | (5840)                                                 |                  |      |     |



629

7/28

8/29

87

(5868)

630

7/27

8/31

93

(5873)

631

7/17

8/22

74

(5888)

Many taller segs!  
 RB gird heavily le  
 2000 1991

DS

632

7/19

8/27

84

(5893)

Gen. small +  
 Highly variable  
 Replace? 11 girdle  
 used.

| Be             | %         |
|----------------|-----------|
| N <sub>T</sub> | W/T       |
| 42.0           | 62.6/74.2 |
| 41.7           | 64.8/73.0 |
| 42.6           | 61.2/73.0 |
| 41.7           | 59.3/72.0 |

6775

7191

7114

6805



|              |                     |      |      |     |
|--------------|---------------------|------|------|-----|
|              |                     |      |      |     |
| ✓ 633        |                     | 7/15 | 8/20 | 106 |
| lv'd borders | (5897)              |      |      |     |
|              | Generally very good | No   |      |     |
| 634          |                     | 7/21 | 8/24 | 85  |
|              | (5945)              |      |      |     |
| ✓ 635        |                     | 7/21 | 8/27 | 88  |
| Hv'd borders | (5960)              |      |      |     |
| 636          | RU8603009           | 7/15 | 8/24 | 103 |
|              | (9)                 |      |      |     |
|              | Slow pen. met.      | N    |      |     |



637

7/29

8/31

117

(5964)

Leafy normal

N

638

7/17

8/20

80

(5969)

639

7/27

8/27

92

(5982)

Excellent

640

7/13

8/17

80

Arid borders

(5985)

Ds

VUF

| Bu   | %   |
|------|-----|
| W.T. | W/T |

|      |           |
|------|-----------|
| 42.5 | 66.2/72.6 |
|------|-----------|

6081

|      |           |
|------|-----------|
| 43.0 | 63.3/73.0 |
|------|-----------|

6718

|      |           |
|------|-----------|
| 41.3 | 62.6/71.8 |
|------|-----------|

6816

|      |           |
|------|-----------|
| 44.0 | 37.7/73.0 |
|------|-----------|

7335



641

7/19

8/27

90

(6012)

✓ 642

7/19

8/27

86

dv'd borders

(6051)

643

C642A-1-4-BK

7/15

8/17

94

(9653-55)

644

RV8003005

7/12

8/17

106

(3)

| Box  | %         |  |      |  |  |
|------|-----------|--|------|--|--|
| N.T. | w/T       |  |      |  |  |
| 41.0 | 60.5/72.0 |  | 6579 |  |  |
| 42.8 | 62.2/73.4 |  | 7438 |  |  |
| 41.7 | 60.5/70.8 |  | 7083 |  |  |
| 45.5 | 67.0/71.1 |  | 7659 |  |  |

645

C642A-4-5-BK

7/15

8/20

96

(9657-59)

*Some variability*

115

646

C642A-11-1-3

7/14

8/17

85

H/d borders

(9669)

647

C642A-12-2-3

7/16

8/17

88

H/d borders

(9674)

*Very good*

648

RU8303193

7/16

8/22

104

(193)

N

| Bu   | %         |
|------|-----------|
| WT.  | W/T       |
| 40.8 | 57.0/70.6 |

6379

|      |           |
|------|-----------|
| 43.7 | 63.3/71.8 |
|------|-----------|

7546

|      |           |
|------|-----------|
| 41.8 | 59.8/72.4 |
|------|-----------|

7659

|      |           |
|------|-----------|
| 40.6 | 62.1/69.0 |
|------|-----------|

7088



649

C642A-22-1-5

7/15

8/20

102

(9687)

650

C642A-23-2-Bk

7/10

8/17

88

(9688-90)

Few tall sup. (tagged)

DT

HF

Very early

Short plug

651

C642A-25-5-5

7/16

8/20

94

(9697)

652

B767A2-74-9-2

-Bk

7/15

8/20

99

(324)

By. %

wT. w/T

40.8 61.8/72.2

6831

39.4 37.4/72.4

6353

40.4 62.5/72.2

6497

43.7 64.3/70.6

7155

|       |              |      |      |    |
|-------|--------------|------|------|----|
| ✓ 653 | C642A-28-5-2 | 7/13 | 8/20 | 90 |
|-------|--------------|------|------|----|

lv'd borders

(9699)

Over-ripe at hv.

|       |               |      |      |    |
|-------|---------------|------|------|----|
| ✓ 654 | C642A-31-5-Bk | 7/17 | 8/22 | 84 |
|-------|---------------|------|------|----|

lv'd borders

(9708-09)

|     |              |      |      |    |
|-----|--------------|------|------|----|
| 655 | C642A-33-4-2 | 7/16 | 8/20 | 94 |
|-----|--------------|------|------|----|

(9714)

|     |              |      |      |    |
|-----|--------------|------|------|----|
| 656 | C642A-37-2-1 | 7/20 | 8/20 | 90 |
|-----|--------------|------|------|----|

(9724)





657

C642A-40-3-1

7/18

8/22

92

(9734)

658

C642A-Bk-14-4

7/15

8/20

99

(9742)

659

C642A-Bk-29-5

7/16

8/20

89

(9754)

✓ 660

C642A-Bk-46-3

7/15

8/17

86

Hv'd borders

(9757)

YUF

Excellent



661

C642A-Bk-48-2

7/14

8/17

80

(9761)

Excellent; very early

AF, short

Dms

UHM

✓ 662

C642A-Bk-48-4

7/13

8/17

83

Hv'd borders

(9763)

Very early!

Dms

AF, short

663

C642A-Bk-52-Bk

7/19

8/20

89

(9767-68)

Hv'd borders

✓ 664

C642A-Bk-53-1

7/16

8/17

85

Hv'd borders

(9770)

Ba. %

w/T w/T

42.0 61.1/72.0

6703

43.1 62.2/72.2

7047

40.9 59.8/71.3

6713

41.0 60.4/71.0

7268



665

C642A-BK-61-4

7/15

8/22

85

(9784)

Very early

Excellent

Numerous late eggs!

666

C642A-BK-63-2

7/16

8/17

90

H/d borders

(9792)

Very good

D<sub>T</sub>

667

LBLE-X2-2

7/13

8/14

96

668

C634A-BK-1-1

7/24

8/29

93

H/d borders

9/12

(4301)

| Bu.  | %         |  |      |  |
|------|-----------|--|------|--|
| WT.  | W/T       |  |      |  |
| 42.1 | 63.0/72.6 |  | 6168 |  |
| 43.2 | 65.6/72.2 |  | 6754 |  |
| 43.7 | 67.9/72.4 |  | 5731 |  |
| 39.0 | 50.7/71.3 |  | 7648 |  |

669

C634A-Bk-2-5

7/9

8/17

73

(4308)

Variable lt  
Very early!!  
Used in cross

D<sub>5</sub>

670

C634A-Bk-8-2

7/18

8/24

86

w/d borders

(4310)

671

C634A-Bk-17-3

7/13

8/20

87

w/d borders

(4316)

Excellent

D<sub>7</sub>

672

C634A-Bk-46-1

7/16

8/27

87

w/d borders

(4368)

Excellent  
Slow pen. mat.

| Bu.  | %         |
|------|-----------|
| WT.  | W/T       |
| 42.3 | 39.8/74.1 |

5592

|      |           |
|------|-----------|
| 40.7 | 64.4/73.0 |
|------|-----------|

7772

|      |           |
|------|-----------|
| 41.1 | 61.0/75.0 |
|      | hulled?   |

7510

|      |           |
|------|-----------|
| 39.1 | 44.3/71.3 |
|------|-----------|

8717



673

C634A-Bk-51-1

7/12

8/17

76

(4373)

Gen. very good  
Few tall rogersD<sub>3</sub>  
AF?

674

C634A-Bk-58-3

7/23

8/29

94

(4390)

Variable

675

L-202

7/13

8/22

88

(Biggs)

676

L-201

7/13

8/20

106

(13)

| Bu.  | %         |
|------|-----------|
| WT.  | w/T       |
| 42.4 | 62.2/70.5 |

5613

|      |           |
|------|-----------|
| 40.0 | 59.2/69.7 |
|------|-----------|

6492

|      |           |
|------|-----------|
| 38.5 | 55.2/71.4 |
|------|-----------|

7139

|      |           |
|------|-----------|
| 38.7 | 55.8/72.0 |
|------|-----------|

6476

SNP Block III

North border LBLE-X2-2

Seeded 4/27/84

South border 8303116

677

C610A-Bk-5-4  
-Bk

7/16

8/22

83

(7116-17)

D

678

C610A-Bk-11-10  
-5

7/17

8/27

106

(7131)

v'd borders

IG-1 (1)

Gen. very good

N

Stems pure, not

679

C610A-Bk-12-8-  
Bk

7/20

8/24

81

v'd borders

(7137-40)

IG-1 (4)

Excellent

D<sub>MS</sub>

680

LBLE

7/13

8/20

110

(Fd)

|   | Bu.  | %         |  |      |  |
|---|------|-----------|--|------|--|
|   | WT.  | W/T       |  |      |  |
| 0 | 44.3 | 63.7/73.6 |  | 7289 |  |
| 0 | 36.3 | 57.4/72.0 |  | 6944 |  |
| 0 | 42.2 | 39.0/73.6 |  | 7355 |  |
| 0 | 43.2 | 46.7/73.0 |  | 6142 |  |



|     |                      |      |      |    |
|-----|----------------------|------|------|----|
| 681 | C610A-Bk-15-9<br>-Bk | 7/23 | 8/29 | 90 |
|-----|----------------------|------|------|----|

(7149-51)

|     |                 |      |      |    |
|-----|-----------------|------|------|----|
| 682 | C610A-Bk-16-1-1 | 7/23 | 8/29 | 88 |
|-----|-----------------|------|------|----|



1/4 borders

(7153)

Clean & neat

|     |                      |      |      |    |
|-----|----------------------|------|------|----|
| 683 | C610A-Bk-18-2<br>- 2 | 7/26 | 8/29 | 88 |
|-----|----------------------|------|------|----|

(7175)

|     |      |      |      |    |
|-----|------|------|------|----|
| 684 | LMNT | 7/24 | 8/29 | 86 |
|-----|------|------|------|----|

(Fd)

Ben %

WT. w/T

43.9 67.2/72.1

7042

43.3 64.7/72.2

7905

43.7 66.7/72.8

7011

44.3 68.3/73.0

8039

|                     |                       |      |      |         |
|---------------------|-----------------------|------|------|---------|
| ✓ 685               | C610A-Bk-22-3<br>- Bk | 7/19 | 8/24 | 80      |
| v'd borders         | (7185-87)             |      |      | IG-1(1) |
| 686                 | C610A-Bk-24-6<br>- Bk | 7/21 | 8/24 | 81      |
|                     | (7195-96)             |      |      |         |
| 687                 | C610A-Bk-27-1<br>-1   | 7/23 | 8/31 | 87      |
| v'd borders<br>9/12 | (7200)                |      |      |         |
| 688                 | BLMT                  | 7/24 | 8/24 | 80      |
|                     | (Fd)                  |      |      |         |

| Gr.  | %         |
|------|-----------|
| WT.  | W/T       |
| 43.9 | 68.6/73.0 |

7659

|      |           |
|------|-----------|
| 44.2 | 69.4/73.0 |
|------|-----------|

7304

|      |           |
|------|-----------|
| 42.8 | 67.7/73.2 |
|------|-----------|

8131

|      |           |
|------|-----------|
| 44.2 | 68.4/73.6 |
|------|-----------|

6965



689

C610A-BK-39-9-1

7/23

8/24

79

(7240)

✓ 690

C610A-BK-44-3

-BK

7/20

8/24

84

Hv'd borders

(7256-58)

IG-1(4)

✓ 691

C610A-BK-46-5

-BK

7/22

8/29

88



(7261-62)

Hv'd borders

IG-1(4)

692

RU8303181

7/21

8/24

89

(181)



693

C610A-Bk-48-6  
- Bk

7/21

8/29

89

(7279-81)

IG-1(4)

694

C610A-Bk-52-5  
- 4

7/27

8/29

89

h/d borders  
9/12

(7300)

IG-1(1)

✓ 695

C610A-Bk-58-8  
- Bk

7/25

8/29

81

h/d borders

(7317-20)

696

RV8303116

7/16

8/20

84

(116)

Ber %

WT. w/T

42.9 66.6/75.8

↗

?

7612

43.3 67.2/73.2

7952

42.9 65.9/72.5

7525

42.8 60.8/73.9

7458



|              |                             |      |      |         |
|--------------|-----------------------------|------|------|---------|
|              |                             |      |      |         |
| ✓ 697        | C610A-Bk-66-1<br>- Bk       | 7/22 | 8/29 | 83      |
| lv'd borders | (7361-63)                   |      |      | IG-1(1) |
| ✓ 698        | C610A-Bk-78-2<br>- Bk       | 7/26 | 8/29 | 82      |
| lv'd borders | (7401-04)                   |      |      | IG-1(4) |
| 699          | C610A-8-1-Bk                | 7/16 | 8/20 | 82      |
| lv'd borders | (7429-30)                   |      |      |         |
| 700          | C610A-13-2-1                | 7/19 | 8/31 | 90      |
| lv'd borders | (7463-64)                   |      |      |         |
| 9/12         | Excellent<br>Show p.m. next |      |      |         |

BA      %  
NT.      w/T

42.5    66.6/72.8

7648

43.5    65.8/73.6

8142

44.0    65.4/73.0

7880

44.8    65.4/72.4

8435

|     |                                                                        |      |      |         |
|-----|------------------------------------------------------------------------|------|------|---------|
| 701 | <p>?</p> <p>C615A-16-5-4</p> <p>(7492)</p>                             | 7/19 | 8/27 | 85      |
| 702 | <p>C610A-19-3-BK</p> <p>Hv'd borders ✓</p> <p>(7504-06)</p>            | 7/20 | 8/24 | 85      |
|     |                                                                        |      |      | IG-1(4) |
| 703 | <p>C610A-21-8-2</p> <p>Hv'd borders</p> <p>9/12</p> <p>(7536)</p>      | 7/23 | 8/29 | 85      |
|     |                                                                        |      |      | IG-1(4) |
| 704 | <p>C610A-21-10-BK</p> <p>Hv'd borders</p> <p>9/12</p> <p>(7540-42)</p> | 7/20 | 8/24 | 80      |
|     |                                                                        |      |      | IG-1(4) |





705

C610A-26-2-BK

7/20

8/24

80

(7567-68)

IG-1 (4)

706

C610A-29-9-BK

7/19

8/27

80

(7598-99)

IG-1 (4)

707

C610A-31-2-BK

7/24

8/31

91

(7608-09)

IG-1 (4)

D<sub>T</sub>

708

C610A-32-1-5

7/20

8/27

90

Hv'd borders

(7627)



709

C610A-35-8-Bk

7/19

8/27

84

H/d borders

(7652-53)

710

C610A-40-1-Bk

7/18

8/24

110

(7657-58)

N

711

C610A-42-8-3

7/18

8/24

75

(7682)

712

C610A-45-2-3

7/20

8/24

81

H/d borders

9/12

(7707)

Bu %

NT. w/T

43.2 67.4/73.0

7828

44.2 51.3/72.8

6970

43.8 66.9/72.8

6949

45.6 67.0/72.8

7623



713

C610A-46-5-Bk

7/19

8/27

80

(7721-23)

IG-1(4)

714

C610A-59-8-Bk

7/21

8/27

81

(7816-17)

IG-1(4)

715

C610A-61-2-3

7/19

8/27

87

Hv'd borders

(7820)

IG-1(1)

716

C610A-61-4-Bk

7/19

8/27

87

Hv'd borders

(7826-28)



717

CG10A-62-2-BK

7/20

8/24

80

(7829-30)

718

CG10A-62-5-BK

7/19

8/24

81

(7837-38)

IG-1 (1)

719

CG10A-65-1-BK

7/19

8/24

86

(7879-80)

IG-1 (1)

720

CG10A-65-9-BK

7/18

8/24

86

w/d borders

(7893-95)

En. %

WT, w/T

42,2 61.4/71.8

7880

43,2 59.8/73.0

7602

42,2 64.9/72.6

7952

44,1 68.5/73.3

8096



721

C610A-68-2-B\*

7/19

8/24

86

(1898-99)

722

C610A-70-5-2

7/16

8/20

85

(1912)

723

C610A-83-8-4

7/16

8/20

81

(1917)

IG-1(3)

724

RV8003050

7/20

8/27

91

(52)

| Qty. | %         |  |      |  |
|------|-----------|--|------|--|
| WT,  | W/T       |  |      |  |
| 43.4 | 67.4/73.4 |  | 7494 |  |
| 42.8 | 63.6/71.8 |  | 6744 |  |
| 43.7 | 68.0/73.0 |  | 7222 |  |
| 42.9 | 62.9/73.6 |  | 7073 |  |

|             |               |      |      |          |
|-------------|---------------|------|------|----------|
|             |               |      |      |          |
| 725         | CG10A-98-2-4  | 7/19 | 8/27 | 86       |
| h/d borders | (8004)        |      |      | IG-1 (4) |
| 726         | CG10A-100-2-3 | 7/20 | 8/27 | 82       |
|             | (8024)        |      |      |          |
| 727         | CG10A-101-3-5 | 7/17 | 8/27 | 82       |
|             | (8041)        |      |      | IG-1 (1) |
| 728         | TBNT          | 7/14 | 8/27 | 119      |
|             | (Stg)         |      |      |          |

Est. 40

WT. w/T

42.1 67.6/73.1

7880

42.6 67.2/72.6

7720

43.4 63.8/73.0

7736

41.9 61.0/73.6

7124



|                     |                  |      |      |         |
|---------------------|------------------|------|------|---------|
|                     |                  |      |      |         |
| 729                 | C610A-105-6-BK   | 7/18 | 8/24 | 83      |
|                     | (8069-70)        |      |      | IG-1(1) |
| 730                 | C610A-105-9-2    | 7/18 | 8/24 | 81      |
| v/d borders<br>9/12 | (8075)           |      |      | IG-1(1) |
| 731                 | C610A-109-1-4    | 7/22 | 8/29 | 87      |
| v/d borders<br>9/12 | (8082)           |      |      | IG-1(1) |
|                     | Shades per. met. |      |      |         |
| 732                 | SKBT             | 7/20 | 8/27 | 88      |
|                     | Not SKBT!        |      |      |         |
|                     | (Fd)             |      |      |         |
|                     |                  | DM   |      |         |



733

C610A-111-8-BK

7/16

8/24

107

(8105-06)

IG-1(4)

Very good

N

734

C610A-119-7-BK

7/21

8/24

82

H/d borders

(8171-73)

735

C610A-BK<sub>2</sub>-5-BK

7/20

8/24

77

(8187-88)

736

NWRX

7/18

8/27

110

(Fd)

Source senescent al  
mat.

| Bu  | %   |
|-----|-----|
| wt. | w/t |

|      |           |
|------|-----------|
| 44.3 | 66.3/12.4 |
|------|-----------|

7083

|      |           |
|------|-----------|
| 43.9 | 65.8/12.7 |
|------|-----------|

7982

|      |           |
|------|-----------|
| 44.3 | 67.3/12.8 |
|------|-----------|

6677

|      |           |
|------|-----------|
| 40.2 | 56.7/10.8 |
|------|-----------|

6764



737

C610A-Bk<sub>2</sub>-6-Bk

7/19

8/24

81

(8193-94)

738

C610A-Bk<sub>2</sub>-35-Bk

7/17

8/24

78

(8239-40)

739

C610A-Bk<sub>2</sub>-44-Bk

7/16

8/24

81

dv'd borders

(8260-61)

740

LEAH

7/26

8/31

107

(cro)

Bu. %

WT, w/T

43.6 65.7/72.2

7864

43.4 66.3/72.0

7633

43.1 60.0/72.6

7890

41.4 53.9/73.6

6795

741

C610A-Bk<sub>2</sub>-48-Bk

7/17

8/22

80

w/d borders

(8264-65)

IG-1(4)

742

C610A-Bk<sub>2</sub>-55-1

7/19

8/27

76

(8275)

743

C610A-Bk<sub>2</sub>-64-Bk

7/20

8/22

76

(8301-03)

744

C610A-Bk<sub>2</sub>-67-4,

7/20

8/24

78

w/d borders

9/12

(8313)





745

CG10A-BK<sub>2</sub>-84-5

7/18

8/24

77

(8340)

746

CG10A-BK<sub>2</sub>-90-5

7/20

8/24

77

(8356)

747

CG10A-BK<sub>2</sub>-102  
-BK

7/17

8/24

78

(8378-79)

IG-1(1)

748

CG10A-BK<sub>2</sub>-104-BK

7/22

8/24

77

(8386-87)

| Bu | %   |  |  |  |  |
|----|-----|--|--|--|--|
| NT | w/T |  |  |  |  |

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 43.0 | 56.3/12.7 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7813 |  |  |  |
|--|--|------|--|--|--|

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 44.0 | 63.2/12.8 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7278 |  |  |  |
|--|--|------|--|--|--|

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 42.6 | 67.8/12.9 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7731 |  |  |  |
|--|--|------|--|--|--|

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 43.2 | 59.1/12.6 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7047 |  |  |  |
|--|--|------|--|--|--|

749

C610A-B<sub>K2</sub>-III-BK

7/18

8/22

77

(8403-05)

IG-1(4)

750

C610A-B<sub>K2</sub>-112-1

7/21

8/27

82

Hv'd borders

(8408)

IG-1(1)

751

C610A-B<sub>K2</sub>-134-BK

7/19

8/22

78

(8439-41)

752

C610A-B<sub>K2</sub>-138-2

7/21

8/27

87

Hv'd borders

(8451)

IG-1(1)

| Bu   | %         |  |      |  |  |
|------|-----------|--|------|--|--|
| WT   | WT        |  |      |  |  |
| 43.4 | 65.4/72.0 |  | 7715 |  |  |
| 44.6 | 66.6/72.6 |  | 8034 |  |  |
| 42.1 | 64.2/71.9 |  | 7715 |  |  |
| 43.4 | 67.0/72.7 |  | 8496 |  |  |



|                     |                              |      |      |         |
|---------------------|------------------------------|------|------|---------|
|                     |                              |      |      |         |
| 753                 | CG10A-Bk <sub>2</sub> -140-3 | 7/18 | 8/22 | 78      |
| Hvd borders<br>9/12 | (8457)                       |      |      | IG-1(4) |
| 754                 | CG10A-Bk-                    | 7/20 | 8/27 | 79      |
|                     | (8477)                       |      |      |         |
| 755                 | CG10A-Bk-                    | 7/15 | 8/20 | 79      |
|                     | (8486)                       |      |      |         |
| 756                 | CG10A-Bk-                    | 7/21 | 8/27 | 88      |
|                     | (8499)                       |      |      |         |

Bow,      %

WT.      w/T

43.8      66.4/73.0

8034

42.2      64.4/72.8

7417

44.5      64.0/72.5

7432

43.1      66.1/71.8

7864

|                                                                                                                             |                                                         |                                                                |      |    |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------|------|----|
|                                                                                                                             |                                                         |                                                                |      |    |
| 757                                                                                                                         | C610A-BK-                                               | 7/15                                                           | 8/20 | 86 |
| <div> <div> <div></div> <div></div> </div> <div> <div></div> <div></div> </div> </div> <div> <div></div> <div></div> </div> | (8520)                                                  |                                                                |      |    |
| Hv'd borders                                                                                                                | <div> <div>Very early</div> <div>Very good</div> </div> | <div> <div>UF, sheet</div> <div>Dm</div> <div>Uhm</div> </div> |      |    |
| 758                                                                                                                         | C610A-BK-                                               | 7/17                                                           | 8/22 | 78 |
|                                                                                                                             | (8529-30)                                               |                                                                |      |    |
| 759                                                                                                                         | C610A-BK-                                               | 7/19                                                           | 8/24 | 81 |
|                                                                                                                             | (8574)                                                  |                                                                |      |    |
| 760                                                                                                                         | C610A-BK-                                               | 7/20                                                           | 8/24 | 80 |
| Hv'd borders                                                                                                                | (8586)                                                  |                                                                |      |    |

| Box | W/T | W/T |
|-----|-----|-----|
|-----|-----|-----|

|      |           |  |
|------|-----------|--|
| 44.4 | 64.8/73.0 |  |
|------|-----------|--|

7792

|      |           |  |
|------|-----------|--|
| 43.9 | 67.4/72.0 |  |
|------|-----------|--|

7705

|      |           |  |
|------|-----------|--|
| 43.2 | 64.8/71.8 |  |
|------|-----------|--|

7988

|      |           |  |
|------|-----------|--|
| 43.6 | 65.4/72.2 |  |
|------|-----------|--|

8327





| Bd. | %   |
|-----|-----|
| WT. | w/T |

|      |           |
|------|-----------|
| 42.0 | 61.7/10.9 |
|------|-----------|

8096

|      |           |
|------|-----------|
| 43.9 | 67.0/12.2 |
|------|-----------|

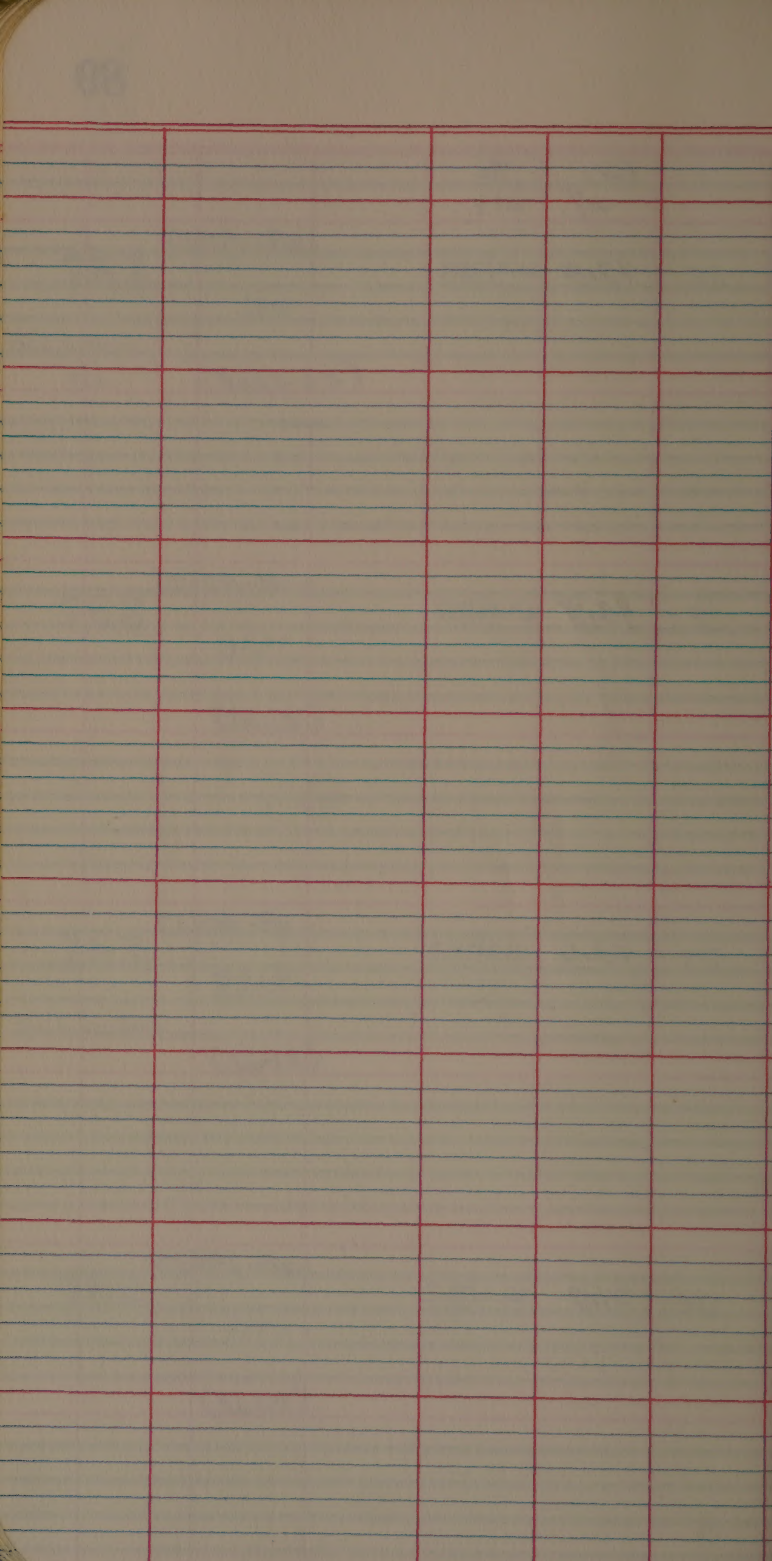
7530

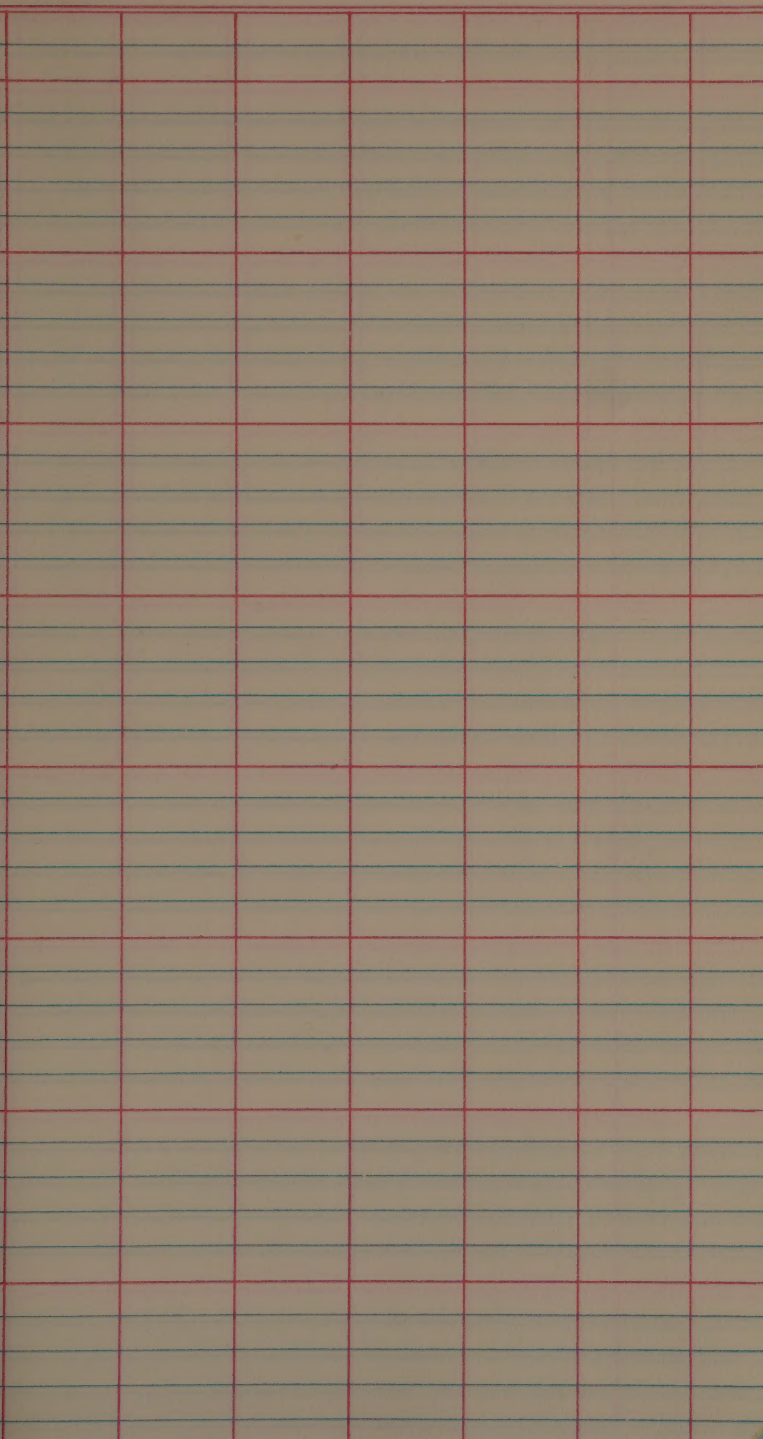
|      |           |
|------|-----------|
| 43.6 | 64.8/13.0 |
|------|-----------|

8085

|      |           |
|------|-----------|
| 44.7 | 66.6/12.2 |
|------|-----------|

6944

















UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

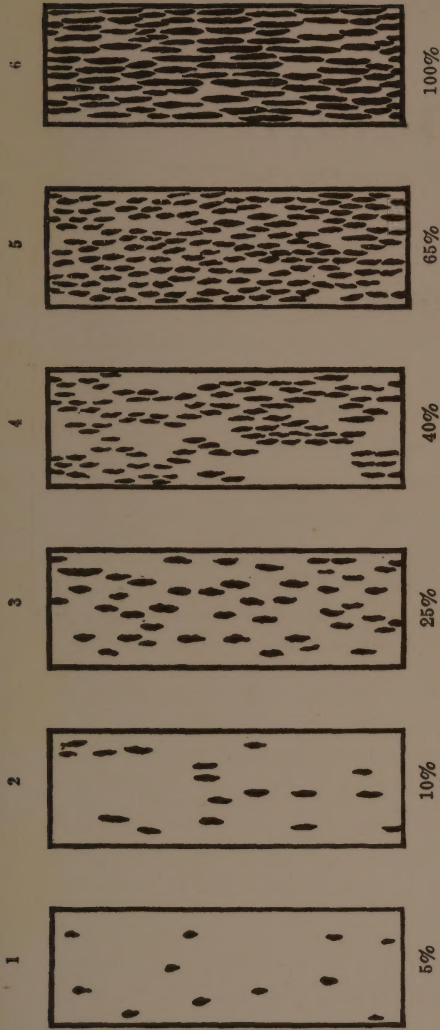


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

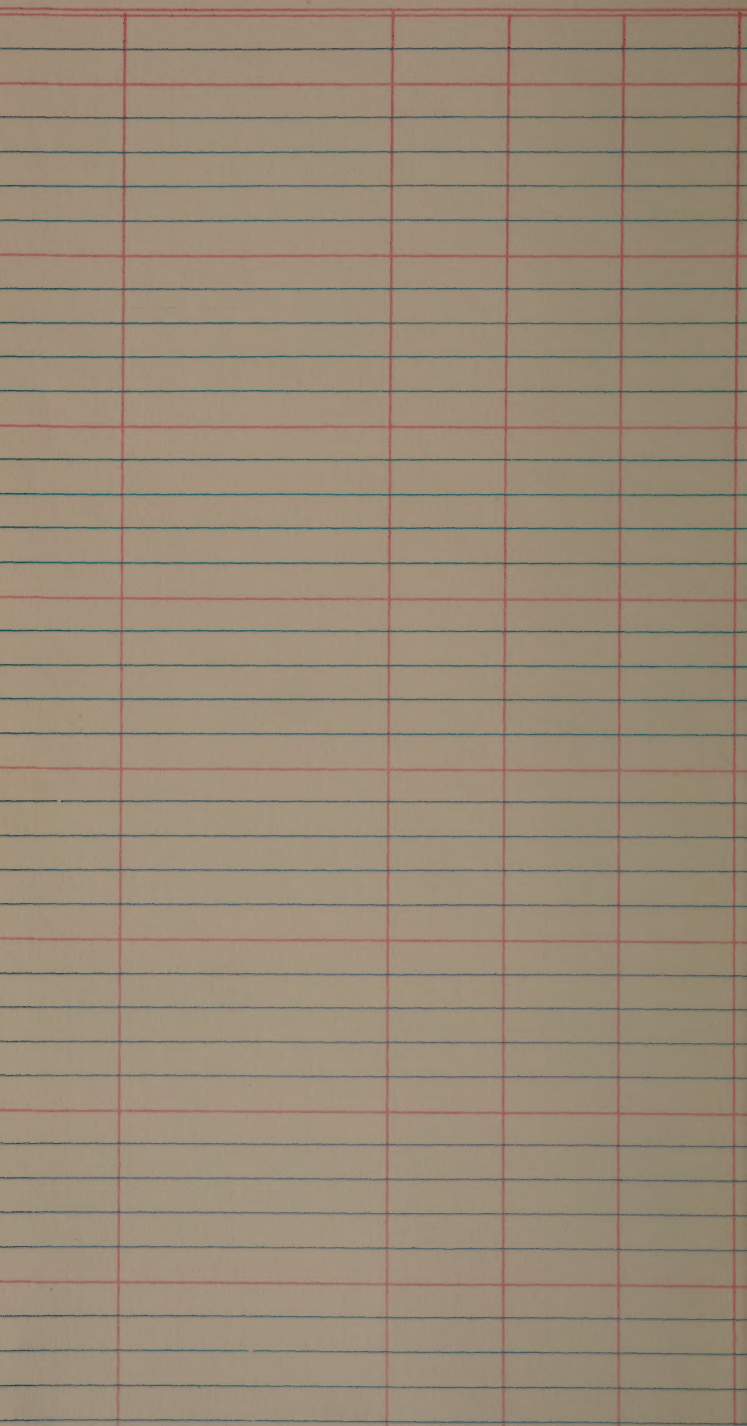
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

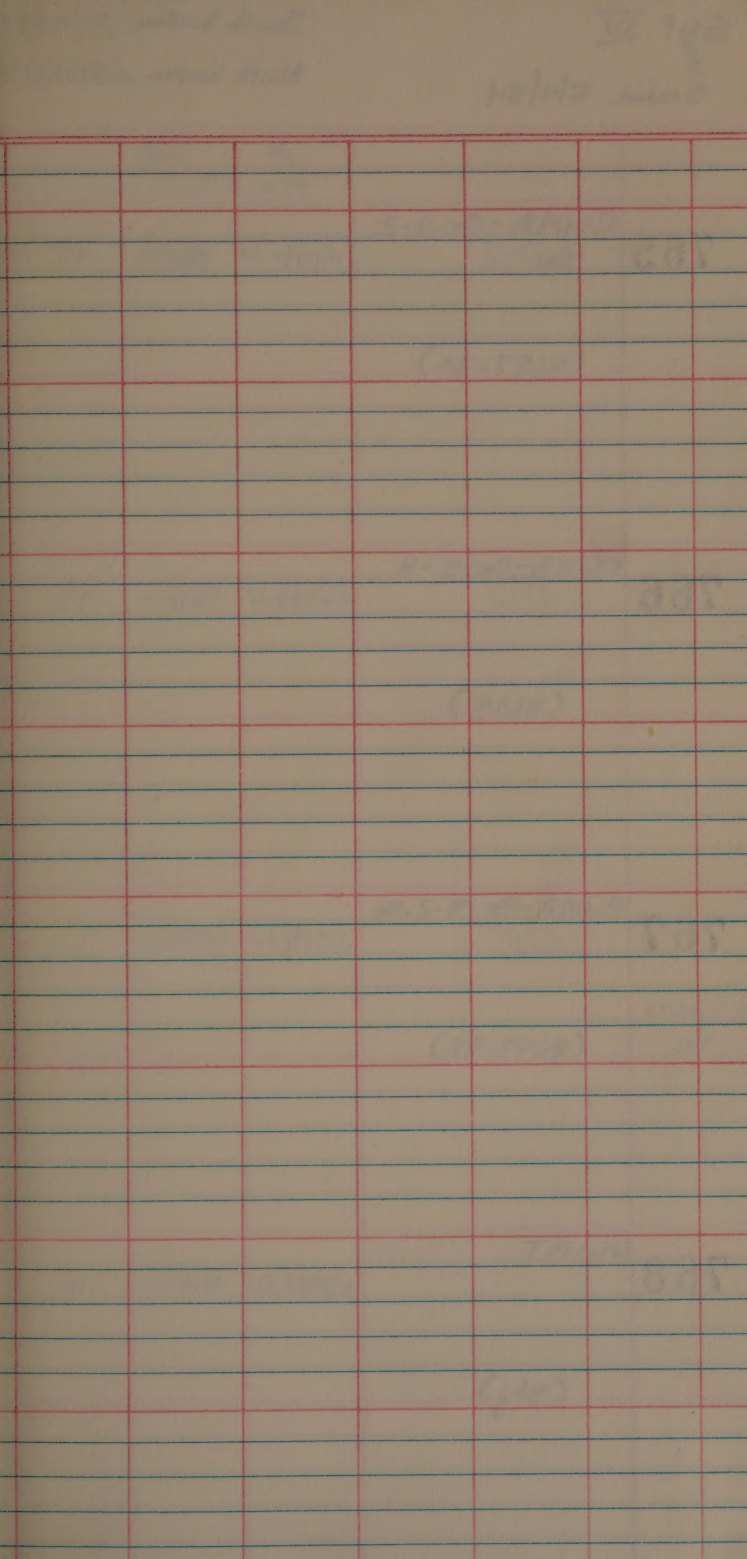
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.











SNP IV

South border 83/1237

Seeded 5/4/84

North border 83/513

765

C609A-Bk-4-2  
-Bk

7/30

8/31

95

(8687-89)

766

C609A-Bk-5-4

7/30

8/31

93

(8695)

767

C609A-Bk-8-2-Bk

7/27

8/31

96

wd borders  
9/12

(8697-98)

768

NWBT

8/2

9/5

111

(Stg)

403006

1

| Bu.  | WT.  | W/T  | o/o  |  |  |
|------|------|------|------|--|--|
| 43.4 | 67.0 | 72.2 | 6281 |  |  |
| 44.0 | 66.5 | 72.2 | 6790 |  |  |
| 43.2 | 67.1 | 72.2 | 7073 |  |  |
| 42.0 | 65.9 | 71.6 |      |  |  |



769

C609A-Bx-14-4-3

8/4-

9/5

96

(8709)

770

C609A-Bx-15-3  
-3

8/2

9/5

100

(8714)

771

C609A-Bx-19-2-1

8/4

9/5

93

(8728)

772

C609A-Bx-22-3-5

8/1

9/5

95

(8742)

| Bu.  | %         |
|------|-----------|
| WT.  | W/T       |
| 43.4 | 66.1/72.6 |

|      |           |
|------|-----------|
| 42.5 | 67.0/73.7 |
|------|-----------|

|      |           |
|------|-----------|
| 41.9 | 65.4/73.1 |
|------|-----------|

|      |           |
|------|-----------|
| 42.1 | 60.8/71.2 |
|------|-----------|

773

CB-801

8/3

9/5

84

(1235)

774

C609A-Bx-28-3-4

8/4

9/5

93

(8757)

775

C609A-Bx-33-1-3

7/27

8/29

87

(8771)

776

C609A-Bx-38-5

-2

7/24

8/31

86

(8776)

many tall segs

| Bu   | %         |
|------|-----------|
| wt.  | w/t       |
| 43.0 | 64.5/71.5 |

|      |           |
|------|-----------|
| 41.6 | 59.8/70.3 |
|------|-----------|

|      |           |
|------|-----------|
| 43.2 | 63.0/71.8 |
|------|-----------|

6204

|      |           |
|------|-----------|
| 41.9 | 59.2/72.6 |
|------|-----------|



|     |                 |      |      |    |
|-----|-----------------|------|------|----|
| 777 | C609A-Bk-42-3-2 | 7/25 | 8/29 | 83 |
|-----|-----------------|------|------|----|

Hold borders

(8781)

|     |                     |      |      |    |
|-----|---------------------|------|------|----|
| 778 | C609A-Bk-43-5<br>-1 | 7/27 | 8/29 | 80 |
|-----|---------------------|------|------|----|

(8785)

|     |           |      |      |    |
|-----|-----------|------|------|----|
| 779 | RU8303046 | 7/23 | 8/29 | 88 |
|-----|-----------|------|------|----|

(46)

|     |                 |      |      |    |
|-----|-----------------|------|------|----|
| 780 | C609A-Bk-49-1-2 | 7/29 | 8/31 | 92 |
|-----|-----------------|------|------|----|

(8791)

Full early eggs

| Box. | o/b |
|------|-----|
| WT.  | w/T |

|      |           |
|------|-----------|
| 43.4 | 64.1/73.0 |
|------|-----------|

7391

|      |           |
|------|-----------|
| 42.9 | 55.2/72.8 |
|------|-----------|

6888

|      |           |
|------|-----------|
| 43.7 | 65.6/72.2 |
|------|-----------|

7535

|      |           |
|------|-----------|
| 42.8 | 64.3/72.2 |
|------|-----------|

6117

781

C609A-BK-54-4  
-BK

8/2

8/31

78

(8803-04)

782

C609A-BK-57-1  
-BK

7/22

8/29

81

tv'd borders

(8810-11)

Excellent

783

LMNT

7/29

8/31

84

(Fd)

784

C609A-BK-64-4  
-2

7/22

8/29

89

(8821)

| Bu | %   |
|----|-----|
| WT | w/T |

|      |           |
|------|-----------|
| 42.1 | 63.8/71.0 |
|------|-----------|

6394

|      |           |
|------|-----------|
| 41.4 | 58.8/72.6 |
|------|-----------|

7885

|      |           |
|------|-----------|
| 42.4 | 68.1/73.2 |
|------|-----------|

6775

|      |           |
|------|-----------|
| 41.5 | 59.8/72.8 |
|------|-----------|

6836



785

C609A-BK-71-3  
-BK

7/27

8/29

81

(8827-28)

786

C609A-

7/31

9/5

94

(737)

Tall, early eggs  
Very good

Dr

IG-1(4)

787

C609A-BK-86-4-4

7/30

8/31

87

Wd borders  
9/12

(8849)

788

C609A-BK-87-2-3

7/31

9/5

94

(8854)

|     |     |
|-----|-----|
| By  | %   |
| NT. | w/T |

|      |           |
|------|-----------|
| 41.9 | 60.0/73.0 |
|------|-----------|

7032

42.9 62.4/71.6

|      |           |
|------|-----------|
| 43.0 | 65.8/73.0 |
|------|-----------|

7674

|      |           |
|------|-----------|
| 42.7 | 58.9/73.8 |
|------|-----------|

789

C609A-BK-92-4-5

7/22

8/31

120

(8866)

Slower growth, mod.

N

790

C609A-BK-94-4  
- 2

8/2

8/31

90

(8873)

Tall early segs

791

C609A-5-2-2

7/26

8/29

92

Hv'd borders

(8894)

792

C609A-16-4-2

7/26

8/29

90

Hv'd borders

(8919)

| Run. | %         |  |      |  |  |
|------|-----------|--|------|--|--|
| WT.  | W/T       |  |      |  |  |
| 42.9 | 61.9/72.5 |  | 6708 |  |  |
| 44.7 | 67.9/73.5 |  | 6168 |  |  |
| 43.2 | 65.6/72.3 |  | 7145 |  |  |
| 42.3 | 63.2/71.6 |  | 7432 |  |  |



793

C609A-17-4-5

7/28-

8/31

93

(8928)

794

C609A-22-1-1

7/28

8/29

89

(8934)

795

C609A-27-4-3

7/27

8/31

89

(8967)

796

C609A-43-1-5

7/22

8/24

88

(9000)

Ba

%

wT,

w/T

42.9

64.4/71.8

6487

42.5

63.9/71.6

6487

43.1

64.9/73.0

6713

42.1

64.8/72.0

6358

797

C609A-50-3-1

7/20

8/24

88

(9011)

798

C609A-52-5-2

7/21

8/24

87

(9017)

799

C609A-56-3-2

7/22

8/24

83

Hvd borders  
9/12

(9028)

Dms

VUF

800

C609A-63-3-2

7/25

8/29

800

(9048)

| B <sub>4</sub> | o/o |  |  |  |  |
|----------------|-----|--|--|--|--|
| WT.            | w/T |  |  |  |  |

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 43.3 | 63.2/71.5 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7006 |  |  |  |
|--|--|------|--|--|--|

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 42.1 | 64.2/72.0 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7032 |  |  |  |
|--|--|------|--|--|--|

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 41.5 | 65.0/72.1 |  |  |  |  |
|------|-----------|--|--|--|--|

|  |  |      |  |  |  |
|--|--|------|--|--|--|
|  |  | 7381 |  |  |  |
|--|--|------|--|--|--|

|      |           |  |  |  |  |
|------|-----------|--|--|--|--|
| 41.9 | 63.5/71.8 |  |  |  |  |
|------|-----------|--|--|--|--|



- 801

C609A-64-4-5

7/19

8/24

84

(9057)

- 802

C609A-68-3-3

7/26

8/29

83

(9070)

- 803

C609A-77-5-BK

7/21

8/24

90

(9095-96)

- 804

C609A-83-4-5

7/25

8/31

93

(9123)

Power; variable

| By | %   |
|----|-----|
| WT | W/T |

|      |           |
|------|-----------|
| 41.5 | 62.4/71.0 |
|------|-----------|

6466

|      |           |
|------|-----------|
| 42.9 | 56.2/73.2 |
|------|-----------|

7114

|      |           |
|------|-----------|
| 42.6 | 62.0/71.3 |
|------|-----------|

6749

|      |           |
|------|-----------|
| 39.7 | 59.2/71.8 |
|------|-----------|

5675

805

C609A-86-2-2

7/26

8/31

86

(9131)

806

C609A-94-1-5

7/25

8/29

88

(9155)

807

C609A-95-5-5

7/21

8/27

110

(9165)

Very good natural

808

C611A-BK-6-2

-BK

7/21

8/29

90

(9837-39)

Copy

Bu %

WT. w/T

40.8 64.0/72.3

6610

43.6 66.2/73.2

6579

43.8 62.4/72.4

6476

41.4 63.5/71.6

6661



809

CG11A-Bk-6-3-Bk

7/20

8/22

88

(9842-44)

810

CG11A-Bk-12-2-Bk

7/22

8/22

70

(9853-54)

811

LBNT

7/26

8/29

121

(Fd)

812

CG11A-Bk-17-1-4

7/22

8/24

80

(9860)

Severe smut

Bu %

WT. W/T

42.2 63.3/71.4

5392

41.8 62.4/71.1

5988

41.5 59.4/71.7

4395

38.5 60.6/72.6

6492

|              |                  |      |      |     |
|--------------|------------------|------|------|-----|
| ✓ 813        | C611A-Bk-17-3-Bk | 7/22 | 8/29 | 75  |
| Hv'd borders | (9862-63)        |      |      |     |
| 814          | C611A-Bk-20-2-1  | 7/22 | 8/22 | 81  |
|              | (9867)           |      |      |     |
| 815          | C611A-Bk-21-5-Bk | 7/22 | 8/22 | 86  |
|              | (9878-79)        |      |      |     |
| 816          | SKBT             | 7/23 | 8/31 | 121 |
|              | (Fa)             |      |      |     |

| Buy<br>WT. | o/o<br>w/T |  |      |  |  |
|------------|------------|--|------|--|--|
| 40.4       | 56.6/12.4  |  | 7977 |  |  |
| 40.5       | 62.8/12.5  |  | 6518 |  |  |
| 41.4       | 60.1/11.5  |  | 5392 |  |  |
| 43.1       | 64.8/13.0  |  | 5227 |  |  |





| Re<br>WT. | o/o<br>w/T |
|-----------|------------|
|-----------|------------|

|      |           |
|------|-----------|
| 41.1 | 62.4/72.3 |
|------|-----------|

7417

|      |           |
|------|-----------|
| 41.4 | 65.6/71.8 |
|------|-----------|

7134

|      |           |
|------|-----------|
| 42.1 | 64.6/71.8 |
|------|-----------|

7592

|      |           |
|------|-----------|
| 42.7 | 58.8/73.4 |
|------|-----------|

6579

821

TBNT

7/16

8/29

124

(Stg)

many tall early segs

822

C611A-Bk-28-3  
-4

7/17

8/20

91

(9911)

Excellent

D+

✓ 823

C611A-Bk-28-5-4

7/17

8/20

84

Hv'd borders

(9916)

✓ 824

C611A-Bk-38-5  
-5

7/18

8/24

103



(9943)

Hv'd borders

Very good Ns

Ns

| Bu:  | %         |
|------|-----------|
| WT.  | W/T       |
| 40.5 | 53.6/74.4 |
|      | hulled?   |

5639

|      |           |
|------|-----------|
| 41.5 | 57.8/73.1 |
|------|-----------|

6877

|      |           |
|------|-----------|
| 42.1 | 63.3/73.6 |
|------|-----------|

6924

|      |           |
|------|-----------|
| 41.8 | 60.6/74.2 |
|      | hulled?   |

7237



825

CG11A-BK-42-2-2

7/16

8/20

86

(9951)

826

RU8303089

7/24

8/24

89

(89)

827

CG11A-BK-48-5

-4

7/22

8/22

77

(9958)

828

CG11A-BK-49-2

-3

7/25

8/29

89

w/d borders

(9962)



829

C611A-BK-54-5  
-1

7/25

8/29

84

(9970)

Variable

leafy

✓ 830

C611A-BK-63-3-3

7/16

8/20

80

w/d borders

(9983)

831

C611A-BK-64-1-1

7/17

8/20

76

(9991)

832

C611A-BK-64-4  
-2

7/18

8/20

78

(9997)

| B <sub>4</sub> | %         |  |  |      |  |
|----------------|-----------|--|--|------|--|
| WT.            | W/T       |  |  |      |  |
| 40.5           | 63.0/72.1 |  |  | 6137 |  |
| 39.6           | 58.7/72.1 |  |  | 6502 |  |
| 40.4           | 57.6/72.8 |  |  | 6415 |  |
| 39.2           | 55.2/73.0 |  |  | 6178 |  |



|             |                      |           |      |    |
|-------------|----------------------|-----------|------|----|
| ✓ 833       | C611A-Bx-66-5<br>-3  | 7/20      | 8/29 | 95 |
| ☆ ☆         | (10008)              |           |      |    |
| H/d borders | Very good            | NS<br>HF  |      |    |
| 834         | C611A-Bx-67-2<br>-2  | 7/21      | 8/22 | 89 |
|             | (10012)              |           |      |    |
|             |                      | Dmt<br>HF |      |    |
| 835         | C611A-Bx-67-5<br>-Bx | 7/21      | 8/22 | 85 |
|             | (10016-17)           |           |      |    |
| 836         | C611A-Bx-85-3<br>-Bx | 7/21      | 8/22 | 85 |
|             | (10022-24)           |           |      |    |
|             | Cleaner levels       |           |      |    |

| Ba  | %   |
|-----|-----|
| WT. | W/T |

|      |           |
|------|-----------|
| 41.3 | 59.4/69.9 |
|------|-----------|

7263

|      |           |
|------|-----------|
| 40.3 | 59.0/69.7 |
|------|-----------|

5844

|      |           |
|------|-----------|
| 41.1 | 63.9/71.2 |
|------|-----------|

6302

|      |           |
|------|-----------|
| 43.1 | 63.7/70.7 |
|------|-----------|

6446

|              |                     |      |      |     |
|--------------|---------------------|------|------|-----|
| ✓ 837        | C611A-Bk-94-3<br>-2 | 7/22 | 8/22 | 84  |
| Hv'd borders | (10038)             |      |      |     |
| 838          | LBLE                | 7/16 | 8/20 | 120 |
|              | (Fd)                |      |      |     |
| 839          | C611A-Bk-94-5<br>-2 | 7/20 | 8/22 | 80  |
|              | (10048)             |      |      |     |
| 840          | C611A-1-2-4         | 7/22 | 8/22 | 91  |
|              | (10056)             |      |      |     |
|              | <i>leafy</i>        |      |      |     |





|              |                                      |       |      |    |
|--------------|--------------------------------------|-------|------|----|
| ✓ 841        |                                      | 7/21- | 8/22 | 89 |
| Hv'd borders | (10075-76)                           |       |      |    |
| 842          | Costa Rica 1113<br>PI 408378<br>(71) | 7/31  | 8/31 | 98 |
| 843          | CG11A-17-1-2<br>(10090)              | 7/21  | 8/22 | 84 |
| 844          | CG11A-17-1-4<br>(10092)              | 7/21  | 9/5  | 99 |
|              | Leafy                                | N     |      |    |
|              | Similar to L-201?                    |       |      |    |



|              |                |      |      |     |
|--------------|----------------|------|------|-----|
|              |                |      |      |     |
| ✓ 845        | C611A-17-5-3   | 7/19 | 8/20 | 88  |
| tv'd borders | (10096)        |      |      |     |
|              |                |      |      |     |
|              |                |      |      |     |
| 846          | STBN           | 8/7  | 9/5  | 132 |
|              | (76)           |      |      |     |
|              |                |      |      |     |
|              |                |      |      |     |
|              |                |      |      |     |
| 847          | C611A-30-2-1   | 7/18 | 8/20 | 88  |
|              | (10151)        |      |      |     |
|              | <i>Seafire</i> |      |      |     |
|              |                |      |      |     |
| 848          | C611A-30-5-3   | 7/15 | 8/20 | 84  |
|              | (10158)        |      |      |     |

|    | Ba<br>WT. | %<br>w/T  |  |      |  |
|----|-----------|-----------|--|------|--|
|    | 41.0      | 63.0/72.6 |  | 6739 |  |
| 10 | 40.3      | 61.0/69.6 |  |      |  |
|    | 36.9      | 57.8/72.0 |  | 4549 |  |
|    | 39.5      | 56.0/70.8 |  | 5181 |  |



849

C611A-31-2-2

7/21

8/24

81

(10162)

850

C611A-50-2-3

7/19

8/22

86

(10271)

851

C611A-52-3-5

7/22

8/29

83

(10289)

more leafy  
more sturdy!

852

C611A-58-1-4

7/17

8/22

84

4/d borders

(10308)

| Bar. | %   |
|------|-----|
| WT.  | w/T |

|      |           |
|------|-----------|
| 37.9 | 52.4/70.7 |
|------|-----------|

7068

|      |           |
|------|-----------|
| 37.9 | 56.2/73.2 |
|------|-----------|

6548

|      |           |
|------|-----------|
| 37.2 | 51.6/69.9 |
|------|-----------|

7042

|      |           |
|------|-----------|
| 41.4 | 57.6/72.4 |
|------|-----------|

8070

SNP Block V

Seeded 5/4/84

South border

83/516 =

North border

83/1210 =

|              |                     |                |      |     |
|--------------|---------------------|----------------|------|-----|
|              |                     |                |      |     |
| ✓ 853        | C612A-Bk-2-2<br>-3  | 7/21           | 8/29 | 91  |
| lv'd borders | (6213)              |                |      |     |
|              | Very good           | D <sub>T</sub> |      |     |
| ✓ 854        | C612A-Bk-14-3<br>-5 | 7/17           | 8/22 | 101 |
| lv'd borders | (6262)              |                |      |     |
| ✓ 855        | C612A-Bk-21-5<br>-5 | 7/20           | 8/29 | 106 |
| lv'd borders | (6288)              |                |      |     |
|              | Gen. excellent      | Ng             |      |     |
| 856          | LBLE                | 7/17           | 8/24 | 121 |
|              | (Fd)                |                |      |     |

| Re.  | %         |  |      |  |  |
|------|-----------|--|------|--|--|
| u.T. | w/T       |  |      |  |  |
| 41.4 | 50.4/71.8 |  | 6898 |  |  |
| 41.5 | 58.7/73.1 |  | 6898 |  |  |
| 41.8 | 55.6/72.3 |  | 6877 |  |  |
| 43.0 | 63.2/72.2 |  | 6070 |  |  |



857

C612A-Bk-33-1  
-5

7/22

8/24

80

(6334)

Excellent plant

Ds  
Yucca

858

C612A-Bk-34-3  
-5

7/19

8/22

90

(6339)

Very good

Dmt

859

C612A-Bk<sub>2</sub>-11  
-4

7/20

8/24

79

Hvd borders

(6354)

VOF

860

BLMT

7/29

8/29

79

(Fd)

| Bu | %   |
|----|-----|
| WT | W/T |

|      |           |
|------|-----------|
| 43.4 | 62.4/72.9 |
|------|-----------|

6183

|      |           |
|------|-----------|
| 41.6 | 59.2/72.2 |
|------|-----------|

6692

|      |           |
|------|-----------|
| 43.1 | 64.8/71.2 |
|------|-----------|

7355

|      |           |
|------|-----------|
| 43.6 | 67.2/72.5 |
|------|-----------|

6487

|             |                                  |      |      |    |
|-------------|----------------------------------|------|------|----|
| ✓ 861       | C612A-Bk <sub>2</sub> -19-Bk     | 7/19 | 8/24 | 87 |
| ☆           | (6367-68)                        |      |      |    |
| H/d borders | Very good                        | HF   |      |    |
|             |                                  | Dms  |      |    |
| 862         | C612A-Bk <sub>2</sub> -29-Bk     | 7/21 | 8/24 | 86 |
|             | (6383-85)                        |      |      |    |
| 863         | C612A-Bk <sub>2</sub> -33<br>-Bk | 7/23 | 8/29 | 91 |
| H/d borders | (6388-90)                        |      |      |    |
| 864         | C612A-Bk <sub>2</sub> -36<br>-Bk | 7/20 | 8/24 | 82 |
|             | (6393-95)                        |      |      |    |





|              |                                  |      |      |    |
|--------------|----------------------------------|------|------|----|
| 865          | CG12A-Bk <sub>2</sub> -47-Bk     | 7/18 | 8/22 | 87 |
| Av'd borders | (6413-14)                        |      |      |    |
|              | Looks very good                  | HF   |      |    |
|              |                                  | Dm   |      |    |
| 866          | CG12A-Bk <sub>2</sub> -48-1      | 7/23 | 8/29 | 86 |
|              | (6417)                           |      |      |    |
| 867          | RU8303089                        | 7/23 | 8/27 | 91 |
|              | (89)                             |      |      |    |
| 868          | CG12A-Bk <sub>2</sub> -61<br>-Bk | 7/20 | 8/27 | 84 |
|              | (6439-40)                        |      |      |    |



869

C612A-B<sub>K2</sub>-68-4

7/21

8/27

80

(6451)

870

C612A-B<sub>K2</sub>-73-B<sub>K</sub>

7/17

8/22

75

(6456-57)

D<sub>5</sub>

871

LMNT

7/29

8/31

83

(Fd)

872

C612A-B<sub>K2</sub>-86-2

7/18

8/20

80

(6470)

Bu. o/o

NT. w/T

39.9 57.1/73.0

6158

42.3 58.6/72.6

6219

43.2 66.5/73.4

6877

42.3 64.4/73.3

6754



|                               |                                   |                        |      |    |
|-------------------------------|-----------------------------------|------------------------|------|----|
| ✓ 873                         | CG12A-Bk <sub>2</sub> -97<br>-Bk  | 7/21                   | 8/24 | 84 |
| Hv'd borders<br>(6490-92)     |                                   |                        |      |    |
| 874                           | CG12A-Bk <sub>2</sub> -100<br>-Bk | 7/17                   | 8/17 | 78 |
| (6496-97)                     |                                   |                        |      |    |
| Excellent; very early<br>Neat |                                   | Ds<br>OHM<br>VF, about |      |    |
| 875                           | CG12A-Bk <sub>2</sub> -103<br>-Bk | 7/17                   | 8/20 | 75 |
| (6502-05)                     |                                   |                        |      |    |
| ✓ 876                         | CG12A-Bk <sub>2</sub> -110<br>-3  | 7/17                   | 8/20 | 86 |
| Hv'd borders<br>(6512)        |                                   |                        |      |    |

Ba

q<sub>0</sub>

w/T

w/T

42.5

61.6/73.8

7098

43.7

60.8/73.6

6368

43.2

65.9/73.8

6672

42.4

64.8/72.4

6528

877

C612A-Bk<sub>2</sub>-120  
-Bk

7/18

8/20

80

(6527-28)

878

C612A-Bk<sub>2</sub>-123  
-Bk

7/20

8/20

79

(6531-32)

879

C612A-6-3-2

7/22

8/24

87

w/d borders

(6563)

880

C612A-12-1-2

7/21

8/22

83

(6573)

| Bu.  | %         |  |      |  |  |
|------|-----------|--|------|--|--|
| W.T. | W/T       |  |      |  |  |
| 42.7 | 64.6/72.6 |  | 6219 |  |  |
| 42.5 | 62.0/72.7 |  | 6600 |  |  |
| 42.5 | 63.4/71.6 |  | 7299 |  |  |
| 41.2 | 57.2/71.3 |  | 6368 |  |  |



881

C612A-13-1-3

7/20

8/20

81

(6580)

882

C612A-14-3-Bk

7/22

8/24

92

w/d borders

(6586-87)

883

C612A-14-5-Bk

7/17

8/20

89

(6588-89)

884

C612A-21-3-3

7/19

8/20

88

(6600)



885

C612A-25-2-2

7/23 -

8/29

91

(6609)

886

C612A-36-5-5

7/19

8/20

103

(6648)

Ns

887

C612A-41-2-5

7/20

8/29

97

(6659)

Overall very good

Ns?

888

C612A-52-2-5

7/20

8/29

92

(6700)





889

C612A-63-4-3

7/17

8/20

79

(6729)

Very good but many  
taller segs. (heavily  
squared)

890

C612A-71-2-Bk

7/17

8/20

79

(6755-56)

891

C612A-72-5-5

7/21

8/24

88

(6762)

892

C612A-79-2-1

7/18

8/20

103.

(6789)

N



|             |              |      |      |    |
|-------------|--------------|------|------|----|
|             |              |      |      |    |
| ✓ 893       | C612A-Bk- -3 | 7/20 | 8/22 | 89 |
| w/d borders | (6808)       |      |      |    |
|             |              |      |      |    |
|             |              |      |      |    |
| ✓ 894       | C612A-       | 7/17 | 8/20 | 78 |
| w/d borders | (6925)       |      |      |    |
|             |              |      |      |    |
|             |              |      |      |    |
| 895         |              | 7/21 | 8/20 | 78 |
|             | (6936)       |      |      |    |
|             |              |      |      |    |
|             |              |      |      |    |
| ✓ 896       |              | 7/17 | 8/20 | 80 |
| w/d borders | (6961)       |      |      |    |
|             |              |      |      |    |
|             |              |      |      |    |





897

7/21

8/29

90

## h'd borders

(6971)

898

7/20

8/22

82

tr'd borders

(6982)

899

7/20

80

(6987-88)

900

7/20

88

tr'd borders

(7021)

| Bel. | W/T  | W/T  |
|------|------|------|
| 41.7 | 56.6 | 72.6 |
| 42.6 | 62.7 | 72.4 |
| 44.4 | 65.6 | 72.0 |
| 41.7 | 61.0 | 72.8 |

901

TBNT

7/18

8/29

127

Early seqs

902

BT513A1-Bk<sub>2</sub>-4  
-1-Bk

7/30

8/29

83

(10359-60)

Excell. plant but  
poor punch

903

BT513A1-Bk<sub>2</sub>-12  
-3-3

8/2

8/31

78

(10369)

Post fossils!! Blight  
on stratum!

904

BT513A1-Bk<sub>2</sub>-17  
-4-3

7/31

8/29

83

(10374)





905

B7513A1-Bk<sub>2</sub>-19  
-3-2

7/31

8/29

83

(10379)

906

LBNT

7/28

8/29

124

(Fd)

907

B7513A1-Bk<sub>2</sub>-30  
-2-3

7/25

8/29

82

w'd borders

(10395)

Excellent plant

VUF

908

B7513A1-Bk<sub>2</sub>-31  
-3-5

7/31

8/29

85

(10402)

| Bu   | %         |
|------|-----------|
| WT.  | w/T       |
| 41.4 | 52.4/68.7 |
| 41.8 | 61.4/70.3 |
| 43.7 | 65.2/71.7 |
| 41.7 | 57.0/69.9 |

5803

4559

7114

5695

909

B7513A1-Bk<sub>2</sub>-34  
-1-3

8/1

8/31

84

(10405)

910

SKBT

7/22

8/31

118

(Fa)

911

B7513A1-Bk<sub>2</sub>-36  
-4-2

8/1

8/31

93

(10409)

912

B7513A1-Bk<sub>2</sub>-43  
-5-2

7/30

8/29

83

(10414)





913

B7513A1-Bk<sub>2</sub>-44  
-5-1

8/2

8/29

80

(10418)

914

NWBT

8/1

9/5

111

915

B7513A1-Bk<sub>2</sub>-49  
-3-1

7/31

8/31

85

(10429)

916

B7513A1-Bk<sub>2</sub>-73  
-5-4

8/2

8/31

73

(10458)



917

B7513A1-B<sub>K2</sub>-88  
-2-5

7/31

8/29

77

(10464)

918

B7513A1-B<sub>K3</sub>-10  
-1

7/30

8/29

80

(10465)

919

B7513A1-B<sub>K3</sub>-30  
-5

7/27

8/29

84

(10495)

920

B7513A1-B<sub>K3</sub>-37  
-5

7/29

8/29

80

(10505)

| Re. | o/o |
|-----|-----|
| WT. | w/T |

|      |           |
|------|-----------|
| 43.7 | 64.6/71.4 |
|------|-----------|

6219

|      |           |
|------|-----------|
| 42.6 | 64.0/72.0 |
|------|-----------|

6189

|      |           |
|------|-----------|
| 42.3 | 64.1/71.8 |
|------|-----------|

6548

|      |           |
|------|-----------|
| 41.2 | 61.4/70.1 |
|------|-----------|

5659



921

BT513A1-Bk<sub>3</sub>-39  
- Bk

7/28-

8/29

82

(10508-09)

922

BT513A1-Bk<sub>3</sub>-42  
- 4

7/27

8/29

79

w/d borders

(10514)

923

BT513A1-Bk<sub>3</sub>-44  
- 4

7/27

8/29

80

(10519)

924

C667A-35-3

7/16

8/27

102

(553)

Excellent normal  
Slow growth.

HF

IG-1(1)

All C667A entries, have very slow and uneven particle maturation!!

40

| Re  | %   |
|-----|-----|
| WT. | W/T |

|      |           |
|------|-----------|
| 40.3 | 59.6/70.2 |
|------|-----------|

5320

|      |           |
|------|-----------|
| 41.2 | 62.2/72.0 |
|------|-----------|

6631

|      |           |
|------|-----------|
| 39.4 | 48.7/69.2 |
|------|-----------|

4950

|      |           |
|------|-----------|
| 40.4 | 62.0/72.8 |
|------|-----------|

6327

925

C667A-62-1

7/17

8/29

92

(558)

IG-1(1)

Variable

926

C667A-73-4

7/20

8/29

95

(559)

IG-1(1)

927

C667A-83-1

7/18

8/29

100

(561)

IG-1(1)

Variable

928

C667A-Bk-1

7/19

8/29

99

(562)

IG-1(1)

| By.  | o/o       |
|------|-----------|
| wt.  | w/T       |
| 38.8 | 53.0/71.2 |
| 40.6 | 57.0/73.8 |
| 39.3 | 57.6/71.0 |
| 40.6 | 60.8/70.8 |

6029

5063

5561

6805



929

C667A-Bk-31

7/18

8/29

98

(563)

IG-1(1)

930

C667A-Bk-36

7/18

8/29

93

(564)

IG-1(1)

931

C667A-Bk-53

7/20

8/29

98

(565)

IG-1(1)

932

C667A-Bk-67

7/21

8/29

95

(566)

IG-1(1)

| Bu   | %         |
|------|-----------|
| WT.  | WT        |
| 40.7 | 60.9/72.3 |

5387

|      |           |
|------|-----------|
| 38.8 | 61.0/72.9 |
|------|-----------|

5058

|      |           |
|------|-----------|
| 39.6 | 58.9/71.2 |
|------|-----------|

4657

|      |           |
|------|-----------|
| 39.6 | 59.4/71.3 |
|------|-----------|

5140

933

C667A-Bk-77

7/20

8/29

91

(567)

IG-1(1)

934

C614A-22-1-2

7/20

8/22

85

(11283)

Excellent plant

Dm  
VUF

935

C614A-59-4-2

7/21

8/22

91

(11308)

936

C614A-Bk-44-1

7/17

8/20

84

w'd borders

(11364)

Excellent plant





937

C625A-Bk-4-4

7/21

8/24

97

(11504)

Variable ht.  
big grain

938

C625A-Bk-7-1

7/20

8/24

92

old borders

(11511)

939

C625A-Bk-49-1

7/17

8/20

91

old borders

(11579)

940

C625A-Bk-79  
-2

7/20

8/22

90

old borders

(11622)

90

W T.

W/T

40.3

64.0/74.4

6703

43.6

$$66.4 \overline{) 72.6}$$

7073

42.6

$$67.4/74.4$$

7119

41,4

62.0/73.0

6990

SNP Block VI

South border

83/1212 =

Seeded 5/4/84

North border

83/1215 =

941

C623A-BK-2-4  
-5

7/18-

8/20

96

(10566)

Very good; met

942

C623A-BK-5-3  
-1

7/20

8/24

94

Hv'd borders

(10567)

IG-1 (1)

943

C623A-BK-7-1  
-BK

7/23

8/29

111

(10575-76)

IG-1 (1)

944

SRBT

7/25

8/31

115

(Fd)





|     |                                           |      |      |         |
|-----|-------------------------------------------|------|------|---------|
| 945 | C623A-Bk-8-2<br>- Bk                      | 7/23 | 8/29 | 105     |
|     | A borders<br>(10578-79)<br>Very good      |      |      |         |
| 946 | C623A-Bk-10-4<br>- 3                      | 7/20 | 8/24 | 97      |
|     | (10585)<br>Very good                      |      |      | IG-1(5) |
| 947 | C623A-Bk-13-3<br>- Bk                     | 7/16 | 8/20 | 94      |
|     | (10593-94)<br>Some lt. vol.<br>Very early |      |      |         |
| 948 | L-202                                     | 7/17 | 8/29 | 88      |

| Bar | %   |
|-----|-----|
| WT. | W/T |

|      |           |
|------|-----------|
| 42.0 | 61.9/71.2 |
|------|-----------|

6965

|      |           |
|------|-----------|
| 44.0 | 61.4/72.1 |
|------|-----------|

6219

|      |           |
|------|-----------|
| 44.0 | 66.2/73.0 |
|------|-----------|

5716

|      |           |
|------|-----------|
| 40.6 | 61.4/72.7 |
|------|-----------|

6990

|             |                     |      |      |         |
|-------------|---------------------|------|------|---------|
|             |                     |      |      |         |
| 949         | C623A-Bk-14-4<br>-5 | 7/21 | 8/24 | 104     |
| Bad borders | (10602)             |      |      | IG-1(5) |
| 950         | C623A-Bk-16-1<br>-3 | 7/18 | 8/20 | 97      |
|             | (10605)             |      |      | IG-1(6) |
| 951         | C623A-Bk-17-1<br>-1 | 7/18 | 8/27 | 103     |
|             | (10608)             |      |      | IG-1(7) |
| 952         | C623A-Bk-19-5<br>-3 | 7/20 | 8/24 | 91      |
|             | (10615)             |      |      | IG-1(3) |
|             | Bad kernel smyt     |      |      |         |

| Bar. | %   |
|------|-----|
| WT.  | w/T |

|      |           |
|------|-----------|
| 43.2 | 57.9/71.4 |
|------|-----------|

6795

|      |           |
|------|-----------|
| 43.2 | 64.3/73.0 |
|------|-----------|

5932

|      |           |
|------|-----------|
| 42.3 | 55.8/72.0 |
|------|-----------|

6322

|      |           |
|------|-----------|
| 43.8 | 63.2/71.4 |
|------|-----------|

6631



|                     |                                      |      |      |          |
|---------------------|--------------------------------------|------|------|----------|
| 953                 | C623A-Bk-24-2<br>-5                  | 7/22 | 8/31 | 103      |
| old borders<br>9/12 | (10628)                              |      |      | IG-1 (1) |
|                     | Geni very good Hs<br>Slow pos. sent. |      |      |          |
| 954                 | C623A-Bk-26-3<br>-1                  | 7/19 | 8/20 | 92       |
|                     | (10634)                              |      |      |          |
| 955                 | LBLE                                 | 7/17 | 8/20 | 115      |
|                     | (Fd)                                 |      |      |          |
| 956                 | C623A-Bk-27-2<br>-1                  | 7/16 | 8/17 | 102      |
|                     | (10639)                              |      |      | IG-1 (5) |



81  
957C623A-Bk-27-3  
-5

7/16-

8/17

94

(10648)

958

C623A-Bk-36-5  
-3

7/15

8/17

100

(10672)

959

TBNT

7/18

8/29

127

Early 395

✓ 960

C623A-Bk-38-2  
-2

7/14

8/17

100

w/d borders

(10677)

| By. | %  |
|-----|----|
| WT. | WT |

|      |           |
|------|-----------|
| 45.4 | 65.4/73.2 |
|------|-----------|

6019

|      |           |
|------|-----------|
| 43.8 | 61.9/72.0 |
|------|-----------|

6153

|      |           |
|------|-----------|
| 42.3 | 64.6/73.8 |
|------|-----------|

6420

|      |           |
|------|-----------|
| 41.8 | 61.2/71.5 |
|------|-----------|

6877



961

C623A-Bk-43-3

-1

7/18

8/20

101

(10686)

962

C623A-Bk-45-3

-1

7/23

8/29

106

hv'd borders

(10691)

963

C623A-Bk-48-1

-1

7/16

8/17

93

hv'd borders

(10696)

Shutter; wallet

964

C623A-Bk-48-4

-2

7/18

8/20

104

(10702)



|           |                                                |      |      |         |
|-----------|------------------------------------------------|------|------|---------|
|           |                                                |      |      |         |
| ✓ 965     | C623A-Bk <sub>2</sub> -1-Bk                    | 7/14 | 8/14 | 97      |
| ☆         |                                                |      |      |         |
| ✓ borders | (10708-10)                                     |      |      | IG-1(7) |
|           | Excellent sheet novel. rel. VHM<br>Very early! |      |      |         |
| 966       | C623A-Bk <sub>2</sub> -11-3                    | 7/20 | 8/24 | 104     |
|           | (10729)                                        |      |      |         |
| 967       | C623A-Bk <sub>2</sub> -36<br>-Bk               | 7/19 | 8/20 | 101     |
|           | (10760-61)                                     |      |      |         |
| 968       | C623A-Bk <sub>2</sub> -51-4                    | 7/22 | 8/27 | 105     |
|           | (10787)                                        |      |      |         |

| Bu   | o/o       |
|------|-----------|
| WT.  | w/T       |
| 45.2 | 69.0/73.1 |

5968

|      |           |
|------|-----------|
| 43.0 | 62.9/72.3 |
|------|-----------|

6697

|      |           |
|------|-----------|
| 43.2 | 60.3/75.0 |
|------|-----------|

6343

|      |           |
|------|-----------|
| 41.9 | 64.2/72.0 |
|------|-----------|

6476



969

C623A-Bk<sub>2</sub>-56  
-5

7/17

8/20

98

(10793)

970

C623A-Bk<sub>2</sub>-57  
-2

7/15

8/17

98

w/d borders

(10795)

Very early

Nm

971

C623A-Bk<sub>2</sub>-61  
-4

7/18

8/20

95

(10802)

Some kernel mat!!

972

C623A-Bk<sub>2</sub>-68  
-1

7/16

8/20

102

w/d borders

(10804)

| Bq  | %   |
|-----|-----|
| wt. | w/T |

|      |           |
|------|-----------|
| 43.3 | 64.2/72.7 |
|------|-----------|

6297

|      |           |
|------|-----------|
| 42.7 | 56.3/73.4 |
|------|-----------|

6368

|      |           |
|------|-----------|
| 43.7 | 64.6/71.8 |
|------|-----------|

6379

|      |           |
|------|-----------|
| 43.2 | 63.6/72.0 |
|------|-----------|

6723

973 C623A-Bk<sub>2</sub>-73  
-1

7/17

8/20

93

(10819)

Some kernel out

974 C623A-Bk<sub>2</sub>-96-2

7/16

8/20

91

(10872)

Kernel out

IG-1(5)

975 C623A-Bk<sub>2</sub>-111  
-2

7/17

8/20

93

(10898)

Kernel out

976 C623A-Bk<sub>2</sub>-115  
-1

7/19

8/20

102

Hv'd borders

(10902)

Grooves at end.

| Per. | wt. | % | w/T |
|------|-----|---|-----|
|------|-----|---|-----|

|      |      |      |  |
|------|------|------|--|
| 41.8 | 63.8 | 71.6 |  |
|------|------|------|--|

6394

|      |      |      |  |
|------|------|------|--|
| 44.2 | 66.7 | 71.7 |  |
|------|------|------|--|

5664

|      |      |      |  |
|------|------|------|--|
| 43.8 | 65.0 | 73.4 |  |
|------|------|------|--|

6492

|      |      |      |  |
|------|------|------|--|
| 43.4 | 64.2 | 71.7 |  |
|------|------|------|--|

6317



977

C623A-Bk<sub>2</sub>-120  
-2

7/17

8/20

98

(10918)

IG-1(4)

978

C623A-Bk<sub>2</sub>-136  
-1

7/16

8/17

90

v'd borders

(10938)

Very early;  
Very good

DT  
nd 1/100  
UF

979

C623A-11-2-1

7/16

8/17

96

(10995)

IG-1(2)

Kernel out

980

C623A-11-5-Bk

7/14

8/14

98

v'd borders

(11001-03)

Very early

N<sub>5</sub>



|             |                               |      |      |          |
|-------------|-------------------------------|------|------|----------|
|             |                               |      |      |          |
| ✓ 981       | C623A-14-4-Bk                 | 7/13 | 8/14 | 91       |
| H/d borders | (11008-09)                    |      |      | IG-1 (4) |
|             | Very early; earliest?<br>Good |      |      |          |
| 982         | C623A-18-1-3                  | 7/16 | 8/17 | 98       |
|             | (11029)                       |      |      | IG-1 (4) |
|             | Kernel out                    |      |      |          |
| 983         | C623A-19-5-3                  | 7/17 | 8/20 | 102      |
|             | (11034)                       |      |      | IG-1 (1) |
|             | Kernel out                    |      |      |          |
| 984         | C623A-20-5-4                  | 7/19 | 8/20 | 106      |
|             | (11040)                       |      |      | IG-1 (1) |

Bu.

o/o

wt.

w/T

43.3

61.9/12.5

6009

44.1

64.2/12.3

6584

42.1

60.6/12.2

6363

39.5

57.9/10.7

5361



|              |              |       |      |         |
|--------------|--------------|-------|------|---------|
| ✓ 985        | C623A-23-1-1 | 7/14- | 8/17 | 91      |
| Hv'd borders | (11047)      |       |      |         |
| 986          | C623A-31-1-1 | 7/15  | 8/20 | 100     |
|              | (11058)      |       |      | IG-1(4) |
| ✓ 987        | C623A-39-3-1 | 7/19  | 8/20 | 95      |
| Hv'd borders | (11074)      |       |      |         |
| 988          | C623A-40-1-3 | 7/17  | 8/20 | 98      |
|              | (11081)      |       |      | IG-1(4) |

| Bu.  | wt.  | %    | w/t |
|------|------|------|-----|
| 42.9 | 42.6 | 73.3 |     |

6446

|      |      |      |  |
|------|------|------|--|
| 44.7 | 65.2 | 71.1 |  |
|------|------|------|--|

6302

|      |      |      |  |
|------|------|------|--|
| 42.4 | 56.3 | 73.2 |  |
|------|------|------|--|

6317

|      |      |      |  |
|------|------|------|--|
| 43.7 | 64.6 | 72.0 |  |
|------|------|------|--|

5829

|              |                  |        |      |     |
|--------------|------------------|--------|------|-----|
| 989          | RU8003009        | 7/22 - | 8/31 | 108 |
|              | (9)              |        |      |     |
| ✓ 990        | C623A-48-1-3     | 7/13   | 8/14 | 91  |
| lv'd borders | (11101)          |        |      |     |
|              | Very early; good | Dr?    |      |     |
|              | Used in cross    |        |      |     |
| 991          | C623A-49-3-3     | 7/16   | 8/20 | 86  |
|              | (11111)          |        |      |     |
| ✓ 992        | C623A-53-4-2     | 7/17   | 8/24 | 77  |
| lv'd borders | (11120)          |        |      |     |









|              |                       |      |      |         |
|--------------|-----------------------|------|------|---------|
| ✓ 997        | C623A-86-1-5          | 7/15 | 8/14 | 96      |
| Hv'd borders | (11201)               |      |      | IG-1(3) |
|              | Very early            | Nm   |      |         |
| 998          | LEAH                  | 7/29 | 8/31 | 99      |
|              | (35)                  |      |      |         |
| 999          | B7710A2-Bk-4<br>-1-3  | 7/29 | 8/29 | 75      |
|              | (12208)               |      |      |         |
| 1000         | B7710A2-Bk-12<br>-4-5 | 7/30 | 8/31 | 75      |
|              | (12236)               |      |      |         |

| Bar. | %         |
|------|-----------|
| W.T. | W/T       |
| 43.5 | 65.0/71.8 |

6189

|      |           |
|------|-----------|
| 42.2 | 59.6/74.4 |
|------|-----------|

6122

|      |           |
|------|-----------|
| 44.5 | 70.0/73.9 |
|------|-----------|

6538

|      |           |
|------|-----------|
| 41.7 | 62.9/72.2 |
|------|-----------|

6250



1001

B7710A2-Bk-22  
-4-2

7/30-

8/29

74

(12259)

1002

LMNT

7/29

8/31

81

(Fd)

1003

B7710A2-Bk-36  
-3-4

7/31

8/29

79

(12307)

1004

B7710A2-Bk-37  
-1-1

8/1

8/31

80

iv'd borders

9/12

(12309)

| Bo   | %         |
|------|-----------|
| WT.  | W/T       |
| 43.6 | 64.2/72.6 |

5901

|      |           |
|------|-----------|
| 43.6 | 58.8/73.8 |
|------|-----------|

7278

|      |           |
|------|-----------|
| 44.3 | 63.6/72.3 |
|------|-----------|

6327

|      |           |
|------|-----------|
| 42.7 | 66.7/72.6 |
|------|-----------|

6322

|                      |                                   |       |      |    |
|----------------------|-----------------------------------|-------|------|----|
| 1005                 | BT710A2-Bk-41<br>-2-3             | 7/31- | 8/29 | 75 |
|                      | (12327)                           |       |      |    |
| 1006                 | BT710A2-Bk <sub>2</sub> -10<br>-1 | 7/31  | 8/31 | 85 |
|                      | (12345)                           |       |      |    |
|                      | Long flays tend to<br>form canopy |       |      |    |
| 1007                 | BT710A2-Bk <sub>2</sub> -13<br>-5 | 7/30  | 8/31 | 82 |
|                      | (12355)                           |       |      |    |
| 1008                 | BT710A2-Bk <sub>2</sub> -22<br>-2 | 7/29  | 8/31 | 84 |
| dy/d borders<br>9/12 | (12367)                           |       |      |    |

| Bu   | %         |  |      |  |
|------|-----------|--|------|--|
| WT.  | W/T       |  |      |  |
| 44.8 | 68.1/72.8 |  | 5803 |  |
| 41.2 | 59.5/72.6 |  | 5428 |  |
| 42.7 | 62.2/72.3 |  | 5906 |  |
| 42.7 | 67.3/73.0 |  | 7242 |  |



|        |                                   |      |      |    |
|--------|-----------------------------------|------|------|----|
| ✓ 1009 | BT710A2-Bk <sub>2</sub> -38<br>-1 | 7/25 | 8/29 | 84 |
|--------|-----------------------------------|------|------|----|

Hv'd borders

(12397)

straw

VUF

Dm

|      |                                   |      |      |    |
|------|-----------------------------------|------|------|----|
| 1010 | BT710A2-Bk <sub>2</sub> -46<br>-4 | 7/31 | 8/31 | 80 |
|------|-----------------------------------|------|------|----|

(12410)

|      |                                   |      |      |    |
|------|-----------------------------------|------|------|----|
| 1011 | BT710A2-Bk <sub>2</sub> -52<br>-1 | 7/29 | 8/31 | 81 |
|------|-----------------------------------|------|------|----|

(12417)

|      |                                   |     |      |    |
|------|-----------------------------------|-----|------|----|
| 1012 | BT710A2-Bk <sub>2</sub> -69<br>-1 | 8/2 | 8/31 | 80 |
|------|-----------------------------------|-----|------|----|

(12438)

| Be  | %   |
|-----|-----|
| WT. | W/T |

|      |           |
|------|-----------|
| 41.2 | 61.0/72.5 |
|------|-----------|

7371

|      |           |
|------|-----------|
| 42.2 | 59.2/72.0 |
|------|-----------|

6399

|      |           |
|------|-----------|
| 43.1 | 63.2/72.4 |
|------|-----------|

6564

|      |           |
|------|-----------|
| 43.6 | 68.3/72.8 |
|------|-----------|

6641

|      |                                   |      |      |    |
|------|-----------------------------------|------|------|----|
| 1013 | BT710A2-Bk <sub>2</sub> -78<br>-2 | 7/31 | 8/31 | 80 |
|------|-----------------------------------|------|------|----|

Hold borders  
9/12

(12455)

|      |                                   |     |      |    |
|------|-----------------------------------|-----|------|----|
| 1014 | BT710A2-Bk <sub>2</sub> -85<br>-1 | 8/2 | 8/31 | 83 |
|------|-----------------------------------|-----|------|----|

(12459)

|      |                                    |      |      |    |
|------|------------------------------------|------|------|----|
| 1015 | BT710A2-Bk <sub>2</sub> -109<br>-3 | 7/31 | 8/31 | 79 |
|------|------------------------------------|------|------|----|

(12477)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1016 | BT725A1-Bk-13<br>-2-1 | 7/26 | 8/29 | 83 |
|------|-----------------------|------|------|----|

Hold borders  
9/12

(12637)

| Bu   | wt.  | %    | w/t    |
|------|------|------|--------|
| 43.5 | 67.3 | 75.2 | bulled |
| 41.2 | 67.0 | 72.8 |        |
| 42.7 | 63.7 | 73.5 |        |
| 42.4 | 61.0 | 71.8 |        |



|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1017 | B7725A1-Bk-14<br>-3-3 | 7/29 | 8/31 | 89 |
|------|-----------------------|------|------|----|

|                      |         |  |  |  |
|----------------------|---------|--|--|--|
| Hold borders<br>9/12 | (12644) |  |  |  |
|----------------------|---------|--|--|--|

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1018 | B7725A1-Bk-19<br>-2-2 | 7/27 | 8/29 | 81 |
|------|-----------------------|------|------|----|

|  |         |  |  |  |
|--|---------|--|--|--|
|  | (12648) |  |  |  |
|--|---------|--|--|--|

|  |                |  |  |  |
|--|----------------|--|--|--|
|  | Gen. very good |  |  |  |
|--|----------------|--|--|--|

|  |  |                  |  |  |
|--|--|------------------|--|--|
|  |  | all<br>JF<br>Dmt |  |  |
|--|--|------------------|--|--|

|      |                |      |      |    |
|------|----------------|------|------|----|
| 1019 | B7725A1-19-1-1 | 7/22 | 8/29 | 79 |
|------|----------------|------|------|----|

|                      |         |  |  |  |
|----------------------|---------|--|--|--|
| Hold borders<br>9/12 | (12751) |  |  |  |
|----------------------|---------|--|--|--|

|      |                |      |      |    |
|------|----------------|------|------|----|
| 1020 | B7725A1-26-3-5 | 7/25 | 8/29 | 87 |
|------|----------------|------|------|----|

|  |         |  |  |  |
|--|---------|--|--|--|
|  | (12770) |  |  |  |
|--|---------|--|--|--|

Be d<sub>0</sub>  
W.T. w/T

41.0 60.8/71.2

6960

40.8 55.4/71.2

6312

42.4 50.6/72.5

7134

43.8 54.7/73.0

6245

|                      |                    |                  |      |    |
|----------------------|--------------------|------------------|------|----|
|                      |                    |                  |      |    |
| 1021                 | B7725A1-30-3-3     | 7/25             | 8/29 | 88 |
| Hv'd borders<br>9/12 | (12773)            |                  |      |    |
|                      | Very good          | gold             |      |    |
| ✓ 1022               | B7725A1-50-3-1     | 7/22             | 8/29 | 80 |
| Hv'd borders         | (12816)            |                  |      |    |
|                      | Earlier; excellent | Dg<br>VUF<br>Umm |      |    |
| 1023                 | B7725A1-61-2-1     | 7/25             | 8/31 | 91 |
|                      | (12827)            |                  |      |    |
| ✓ 1024               | B7725A1-70-3-2     | 7/25             | 8/29 | 79 |
| Hv'd borders         | (12854)            |                  |      |    |

| W.T. | %         | W/T  |
|------|-----------|------|
| 440  | 64.3/72.8 | 7741 |
| 430  | 56.8/73.0 | 6492 |
| 40.9 | 57.7/70.6 | 6106 |
| 442  | 63.8/65.8 | 6476 |



1025

BT725AI-13-2-1

7/29

8/31

80

(12858)

1026

BT725AI-81-2-3

7/24

8/29

83

(12876)

1027

BT725AI-82-1-5

7/24

8/31

89

(12883)

1028

BT725AI-93-2-1

7/24

8/31

90

h/d borders

9/12

(12884)

gold

| Bar. | %   |
|------|-----|
| WT.  | W/T |

|      |           |
|------|-----------|
| 43.0 | 57.5/74.2 |
|------|-----------|

6394

|      |           |
|------|-----------|
| 44.0 | 61.4/73.0 |
|------|-----------|

6106

|      |           |
|------|-----------|
| 41.5 | 48.0/73.8 |
|------|-----------|

6348

|      |           |
|------|-----------|
| 42.3 | 46.4/73.1 |
|------|-----------|

7381

SNP Block VII

S4, 8E

Seeded 6/1/84

No borders

1029

B7810A1-Bk-6-3

-1

8/12 -

9/11

101

(12961)

D<sub>T</sub>

1030

B7810A1-Bk-9-1-1

8/15

9/17

90

(12966)

1031

B7810A1-Bk-9-3

-1

8/15

9/17

81

(12971)

1032

B7810A1-Bk-9-4

-1

8/14

9/17

82

(12977)

| Bu.  | %         |
|------|-----------|
| WT.  | WT        |
| 43.7 | 52.8/71.7 |
| 43.3 | 62.9/72.8 |
| 41.6 | 57.4/72.2 |
| 40.6 | 49.8/72.6 |



|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1033 | BT810A1-Bk-14-1<br>-4 | 8/16 | 9/17 | 86 |
|------|-----------------------|------|------|----|

(12985)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1034 | BT810A1-Bk-14-2<br>-2 | 8/14 | 9/17 | 84 |
|------|-----------------------|------|------|----|

(12988)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1035 | BT810A1-Bk-14-4<br>-1 | 8/17 | 9/17 | 92 |
|------|-----------------------|------|------|----|

(12992)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1036 | BT810A1-Bk-19-3<br>-3 | 8/24 | 9/25 | 86 |
|------|-----------------------|------|------|----|

(13004)

| Bu. | %   |
|-----|-----|
| wt. | w/t |

|      |           |
|------|-----------|
| 45,0 | 37.0/73.5 |
|------|-----------|

|      |           |
|------|-----------|
| 43,2 | 55.0/73.4 |
|------|-----------|

|      |           |
|------|-----------|
| 45,1 | 48.3/73.4 |
|------|-----------|

|      |           |
|------|-----------|
| 44,8 | 48.0/72.0 |
|------|-----------|

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1037 | B7810A1-Bk-31-1<br>-1 | 8/25 | 9/25 | 75 |
|------|-----------------------|------|------|----|

(13028)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1038 | B7810A1-Bk-35-3<br>-1 | 8/18 | 9/17 | 76 |
|------|-----------------------|------|------|----|

(13033)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1039 | B7810A1-Bk-45-4<br>-5 | 8/18 | 9/17 | 73 |
|------|-----------------------|------|------|----|

(13052)

|      |                       |      |      |    |
|------|-----------------------|------|------|----|
| 1040 | B7810A1-Bk-49-5<br>-1 | 8/20 | 9/25 | 80 |
|------|-----------------------|------|------|----|

(13064)

|      | Be   | %    |
|------|------|------|
|      | WT   | W/T  |
| 44.4 | 54.9 | 72.6 |
| 44.5 | 58.7 | 71.8 |
| 44.6 | 59.7 | 73.6 |
| 43.8 | 60.8 | 73.6 |



1041

B7810A1-Bk-56-4

-1

8/16

9/17

79

(13085)

1042

B7810A1-Bk-57-3

-1

8/16

9/17

77

(13090)

1043

B7810A1-Bk-73-2

-4

8/16

9/17

80

(13139)

1044

B7810A1-Bk-86-1

-4

8/18

9/17

71

(13191)

| Box  | q/o |
|------|-----|
| W.T. | w/T |

|     |           |
|-----|-----------|
| 450 | 61.4/72.5 |
|-----|-----------|

|      |           |
|------|-----------|
| 44.4 | 63.4/74.2 |
|------|-----------|

|      |           |
|------|-----------|
| 45.3 | 55.4/73.3 |
|------|-----------|

|      |           |
|------|-----------|
| 44.4 | 67.3/73.3 |
|------|-----------|

1045

B7810A1-Bk-90-2  
-1

8/17

9/17

79

(13198)

1046

B7810A1-Bk-95-4  
-1

8/16

9/17

87

(13234)

1047

B7810A1-Bk-128  
-2-1

8/15

9/17

78

(13327)

1048

B7810A1-Bk-131-2  
-2

8/14

9/17

77

(13338)

| Bq.  | %         |
|------|-----------|
| wt.  | w/t       |
| 44.1 | 57.1/70.4 |
| 43.7 | 60.2/73.4 |
| 43.5 | 58.0/71.8 |
| 44.0 | 53.6/73.4 |



|      |                         |      |      |    |
|------|-------------------------|------|------|----|
| 1049 | BT810A1-Bk-135-4<br>- 4 | 8/15 | 9/17 | 77 |
|------|-------------------------|------|------|----|

(13366)

|      |                                   |      |      |    |
|------|-----------------------------------|------|------|----|
| 1050 | BT810A1-Bk <sub>2</sub> -8<br>- 3 | 8/24 | 9/25 | 74 |
|------|-----------------------------------|------|------|----|

(13408)

Early taller roques

|      |                                    |      |      |    |
|------|------------------------------------|------|------|----|
| 1051 | BT810A1-Bk <sub>2</sub> -14<br>- 4 | 8/14 | 9/14 | 84 |
|------|------------------------------------|------|------|----|

(13414)

|      |                                    |      |      |    |
|------|------------------------------------|------|------|----|
| 1052 | BT810A1-Bk <sub>2</sub> -24<br>- 1 | 8/18 | 9/14 | 76 |
|------|------------------------------------|------|------|----|

(13432)

| Bar | %   |
|-----|-----|
| wt. | w/t |

|      |           |
|------|-----------|
| 44.5 | 44.0/74.4 |
|------|-----------|

|      |           |
|------|-----------|
| 43.8 | 56.8/72.9 |
|------|-----------|

|      |          |
|------|----------|
| 44.3 | 4.2/74.4 |
|------|----------|

|      |           |
|------|-----------|
| 42.7 | 19.0/75.6 |
|------|-----------|

1053

B7810A1-Bk<sub>2</sub>-46  
-3

8/15

9/14

81

(13470)

1054

B7810A1-Bk<sub>2</sub>-50  
-1

8/11

9/11

73

(13479)

D<sub>5</sub>

U<sub>HM</sub>

1055

B7810A1-Bk<sub>2</sub>-63  
-5

8/12

9/11

82

(13498)

D<sub>5</sub>

U<sub>HM</sub>

1056

B7810A1-Bk<sub>2</sub>-73  
-5

8/16

9/14

87

(13523)





1057

BT810A1-Bk<sub>2</sub>-92  
-2

8/15

9/14

78

(13546)

1058

BT810A1-Bk<sub>2</sub>-107  
-1

8/20

9/17

73

(13571)

1059

BT810A1-Bk<sub>2</sub>-110  
-4

8/16

9/14

92

(13580)

1060

BT810A1-Bk<sub>2</sub>-112  
-4

8/13

9/11

93

(13885)

| Gr   | %   |
|------|-----|
| W.T. | W/T |

|      |           |
|------|-----------|
| 44.3 | 20.2/73.4 |
|------|-----------|

|      |           |
|------|-----------|
| 44.2 | 64.6/72.5 |
|------|-----------|

|      |          |
|------|----------|
| 43.2 | 3.4/15.2 |
|------|----------|

|      |           |
|------|-----------|
| 44.3 | 55.2/70.9 |
|------|-----------|

1061

B786A3-BK<sub>2</sub>-21  
-3-4

8/14

9/14

75

(14030)

1062

B786A3-BK<sub>2</sub>-38  
-2-2

8/26

9/25

77

(14064)

1063

B786A3-BK<sub>2</sub>-91  
-1-2

8/22

9/19

78

(14126)

1064

B786A3-BK-20-2  
-3

8/16

9/14

80

(14168)

Ba

%

WT

WT

44.8 7.6/72.3

43.3 64.0/72.6

43.9 63.5/72.0

45.1 14.7/73.7



|      |                      |      |      |    |
|------|----------------------|------|------|----|
| 1065 | B786A3-BK-63-1<br>-2 | 8/16 | 9/14 | 85 |
|------|----------------------|------|------|----|

(14183)

|      |               |      |      |    |
|------|---------------|------|------|----|
| 1066 | B786A3-62-2-4 | 8/12 | 9/11 | 75 |
|------|---------------|------|------|----|

(14267)

|      |               |       |      |    |
|------|---------------|-------|------|----|
| 1067 | B786A3-65-3-2 | 10/11 | 8/17 | 80 |
|------|---------------|-------|------|----|

(14270)

Early segs.

|      |               |      |      |    |
|------|---------------|------|------|----|
| 1068 | B786A3-75-2-3 | 8/16 | 9/14 | 74 |
|------|---------------|------|------|----|

(14287)

| By   | o/o       |
|------|-----------|
| WT.  | w/T       |
| 43.2 | 60.3/71.5 |
| 43.7 | 55.8/72.8 |
| 44.4 | 64.6/73.0 |
| 43.6 | 33.0/74.1 |

1069

B7812A1-3-1-2

8/15

9/14

78

(14362)

power

1070

B7812A1-46-2-5

8/14

9/14

81

(14451)

power

1071

B7812A1-71-1-1

8/13

9/14

74

(14499)

Power; ammeter

D5

1072

B7812A1-87-3-1

8/11

9/17

78

(14535)

V.H. Lushy

| Boi  | %         |
|------|-----------|
| WT.  | WT        |
| 41.6 | 18.2/72.2 |
| 43.0 | 10.8/75.0 |
| 40.9 | 4.8/72.8  |
| 43.0 | 53.6/71.3 |



1073

B7921A3-Bk-7

8/21

9/17

84

(942)

mgt

1074

B7921A3-Bk-164

8/17

9/14

87

(944)

Early fall eggs

mgt

1075

B7921A3-Bk-183

8/12

9/11

86

(948)

HF, wide  
mgt

1076

B7819A-

8/24

10/4

77

(949)

Sog. hatching

mgt

| Wt   | %   |
|------|-----|
| W.T. | W/T |

|      |           |
|------|-----------|
| 46.5 | 50.0/72.7 |
|------|-----------|

|      |          |
|------|----------|
| 44.1 | 18.2/2.6 |
|------|----------|

|      |           |
|------|-----------|
| 42.9 | 60.0/73.0 |
|------|-----------|

|      |           |
|------|-----------|
| 45.4 | 53.2/73.6 |
|------|-----------|

|                          |                                |                               |         |    |
|--------------------------|--------------------------------|-------------------------------|---------|----|
|                          |                                |                               |         |    |
| 1077                     | B7819A-                        | 8/14                          | 10/11   | 84 |
| 1985 UYN ?<br>Hvd border | (950)                          | VUF<br>mgt<br>or<br>sq+<br>Dm |         |    |
|                          | Very good<br>rel. uniform      |                               |         |    |
| 1078                     | B7819A-                        | 8/25                          | 10/11   | 75 |
|                          | (951)                          | mgt                           |         |    |
| 1079                     | B7926A-                        | 8/13                          | br 10/4 | 77 |
|                          | (958)                          |                               |         |    |
|                          | "Grassy" dwarf<br>rel. uniform | mgt                           |         |    |
| 1080                     | LMNT                           | 8/18                          | 9/14    | 80 |
|                          | (Fd)                           |                               |         |    |

| Bu   | %   |
|------|-----|
| W.T. | W/T |

|      |             |
|------|-------------|
| 44.8 | 57.0   72.8 |
|------|-------------|

|      |             |
|------|-------------|
| 44.2 | 36.0   72.3 |
|------|-------------|

|      |             |
|------|-------------|
| 44.0 | 53.9   70.7 |
|------|-------------|

|      |             |
|------|-------------|
| 45.1 | 17.0   74.5 |
|------|-------------|



|      |      |      |      |    |
|------|------|------|------|----|
| 1081 | BLMT | 8/14 | 9/11 | 78 |
|------|------|------|------|----|

(Fa)

|      |      |     |      |     |
|------|------|-----|------|-----|
| 1082 | BOND | 8/8 | 9/11 | 108 |
|------|------|-----|------|-----|

(14)

|      |      |      |      |     |
|------|------|------|------|-----|
| 1083 | TBNT | 8/10 | 9/11 | 121 |
|------|------|------|------|-----|

(10)

|      |      |      |      |     |
|------|------|------|------|-----|
| 1084 | SKBT | 8/11 | 9/11 | 116 |
|------|------|------|------|-----|

(Fa)

|   | kg   | %         |
|---|------|-----------|
|   | W.T. | W/T       |
|   | 44.8 | 67.0/72.0 |
| 0 | 42.7 | 64.8/71.2 |
| 0 | 43.7 | 67.6/73.6 |
| 0 | 45.4 | 68.8/73.6 |

|      |                     |      |      |     |
|------|---------------------|------|------|-----|
| 1085 | LBLE                | 8/7  | 9/11 | 119 |
|      | (Fd)                |      |      |     |
| 1086 | LBNT                | 8/17 | 9/14 | 119 |
|      | (Fd)                |      |      |     |
| 1087 | NWRX                | 8/13 | 9/11 | 109 |
|      | (Fd)                |      |      |     |
| 1088 | NWBT                | 8/25 | 10/4 | 106 |
|      | (54)                |      |      |     |
|      | many negt off-types |      |      |     |

|   | Bu<br>WT | %<br>w/T  |  |  |  |  |
|---|----------|-----------|--|--|--|--|
| 0 | 43.7     | 65.2/71.5 |  |  |  |  |
| 0 | 43.9     | 19.5/74.4 |  |  |  |  |
| 0 | 43.4     | 63.0/69.9 |  |  |  |  |
| 0 | 43.9     | 67.4/72.8 |  |  |  |  |



|      |             |      |      |     |
|------|-------------|------|------|-----|
| 1089 | STBN        | 8/29 | 10/4 | 116 |
|      | (border)    |      |      |     |
| 1090 | LEAH        | 8/18 | 9/17 | 96  |
|      | (Cro)       |      |      |     |
| 1091 | TORO-2      | 8/20 | 9/17 | 102 |
|      | (42)        |      |      |     |
| 1092 | L-201       | 8/6  | 9/11 | 105 |
|      | (border)    |      |      |     |
|      | Source PPS! |      |      |     |

| Bu   | %   |
|------|-----|
| W.T. | W/T |

|      |           |
|------|-----------|
| 44.0 | 65.8/72.0 |
|------|-----------|

|      |           |
|------|-----------|
| 44.0 | 40.2/74.2 |
|------|-----------|

|      |           |
|------|-----------|
| 43.0 | 62.6/72.1 |
|------|-----------|

|      |           |
|------|-----------|
| 40.2 | 49.8/70.6 |
|------|-----------|

LBLE-X2-2

9/11

95

(14591-600)

RU8003009

8/10

9/11

108

(a)

RU8003005

98

(3)

RU8303046

85

(46)

| Bu   | %         |
|------|-----------|
| WT   | w/T       |
| 44.0 | 64.0/71.0 |
| 44.9 | 63.7/69.6 |
| 45.7 | 67.4/70.6 |
| 44.5 | 67.8/72.6 |



|      |                       |        |      |    |
|------|-----------------------|--------|------|----|
| 1097 | RU8303089             | 8/10.- | 9/11 | 86 |
|      | (89)                  |        |      |    |
| 1098 | Costa Rica 1113       | 8/25   | 10/4 | 87 |
|      | (71)                  |        |      |    |
| 1099 | IR-36                 | 8/23   | 10/4 | 78 |
|      | (198)                 |        |      |    |
| 1100 | Nam-Sagui 19          | 10/11  | 11/6 |    |
|      | Immature at hatched!! |        |      |    |
|      | (83 Space-plant)      |        |      |    |
|      | Severe canopy         |        |      |    |
|      | long narrow flags     | hairy  |      |    |

|  | Bel<br>w T. | %<br>w/T |
|--|-------------|----------|
|--|-------------|----------|

|   |      |           |
|---|------|-----------|
| 0 | 44.1 | 67.4/71.4 |
|---|------|-----------|

|   |      |           |
|---|------|-----------|
| 0 | 40.4 | 59.1/73.0 |
|---|------|-----------|

|   |      |           |
|---|------|-----------|
| 0 | 43.0 | 28.3/71.8 |
|---|------|-----------|

|  |      |  |
|--|------|--|
|  | 41.1 |  |
|--|------|--|

|  |                   |   |
|--|-------------------|---|
|  | No yield estimate | 0 |
|--|-------------------|---|

1101-1115, N-V Study

|      |           |       |       |    |
|------|-----------|-------|-------|----|
| 1116 | CICA-6    | 8/18  | 9/19  | 88 |
|      | (137)     |       |       |    |
| 1117 | CICA-7    | 9/24  | 10/30 |    |
|      | (82-Rush) |       |       |    |
|      | Very late |       |       |    |
| 1118 | CICA-8    | 9/12  | 10/24 |    |
|      | (192)     |       |       |    |
|      | late      |       |       |    |
| 1119 | CICA-9    | ± 9/1 | 10/11 |    |
|      | (82-Rush) |       |       |    |

|     |     |
|-----|-----|
| Buy | 0/0 |
| WT  | W/T |

6/5

5/7

|      |           |
|------|-----------|
| 47.1 | 62.6/73.4 |
|------|-----------|

|      |           |
|------|-----------|
| 38.4 | 54.4/69.8 |
|------|-----------|

0

|      |           |
|------|-----------|
| 41,5 | 63.4/72.1 |
|------|-----------|

|      |      |      |
|------|------|------|
| 40.2 | 55.0 | 72.8 |
|------|------|------|



|      |           |      |      |    |
|------|-----------|------|------|----|
| 1120 | Gui -Chao | 8/23 | 10/4 | 97 |
|------|-----------|------|------|----|

(82-Rush)

|      |                 |      |      |    |
|------|-----------------|------|------|----|
| 1121 | Bai -Zhen -Long | 8/11 | 9/11 | 79 |
|------|-----------------|------|------|----|

Early seps heading 7/28

(82-Rush)

|      |        |      |      |    |
|------|--------|------|------|----|
| 1122 | CICA-4 | 8/26 | 10/4 | 83 |
|------|--------|------|------|----|

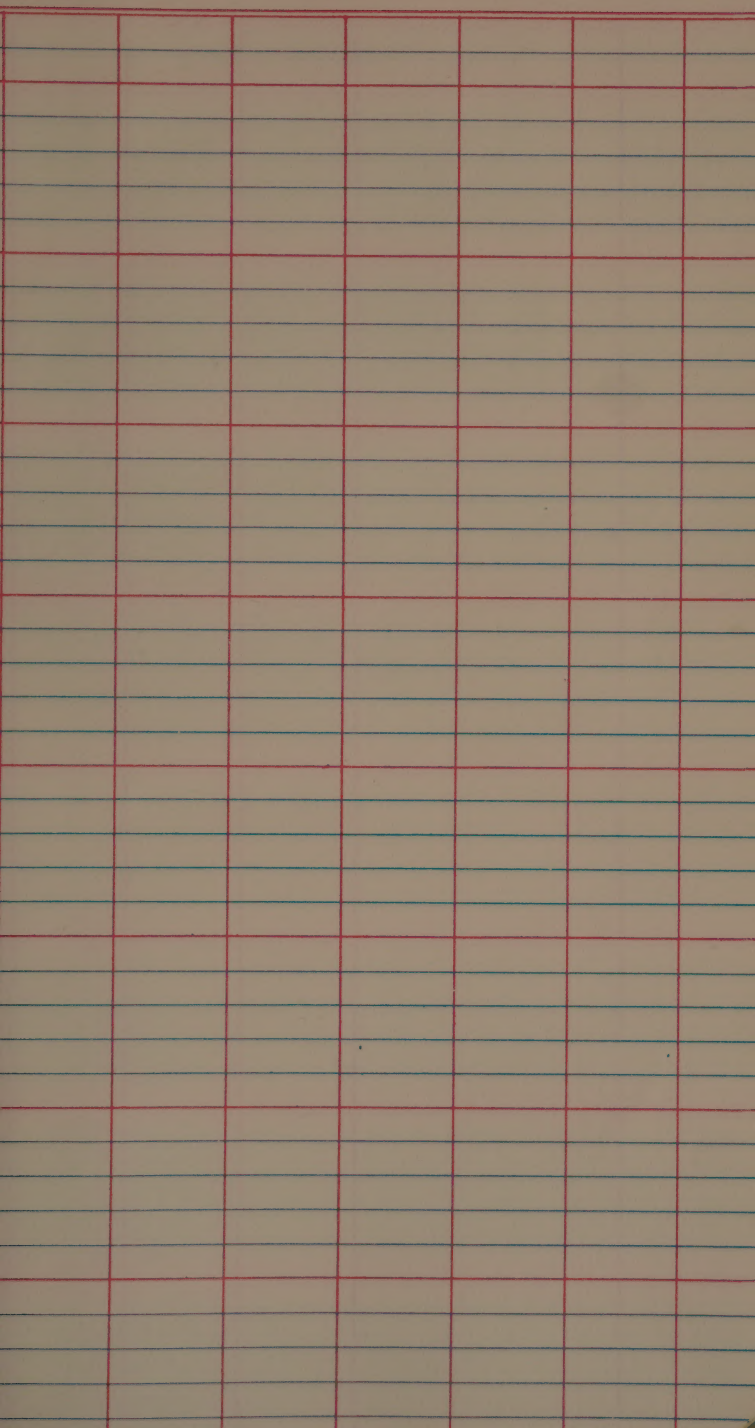
(82-Rush)

|      |               |     |      |    |
|------|---------------|-----|------|----|
| 1123 | Quin Qun Wang | 8/5 | 9/11 | 89 |
|------|---------------|-----|------|----|

(85)

| Bai   | %         |
|-------|-----------|
| in T, | w/T       |
| 44.8  | 57.8/75.4 |
| 43.6  | 41.6/74.2 |
| 41.0  | 57.7/69.4 |
| 43.3  | 65.6/73.8 |

















UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

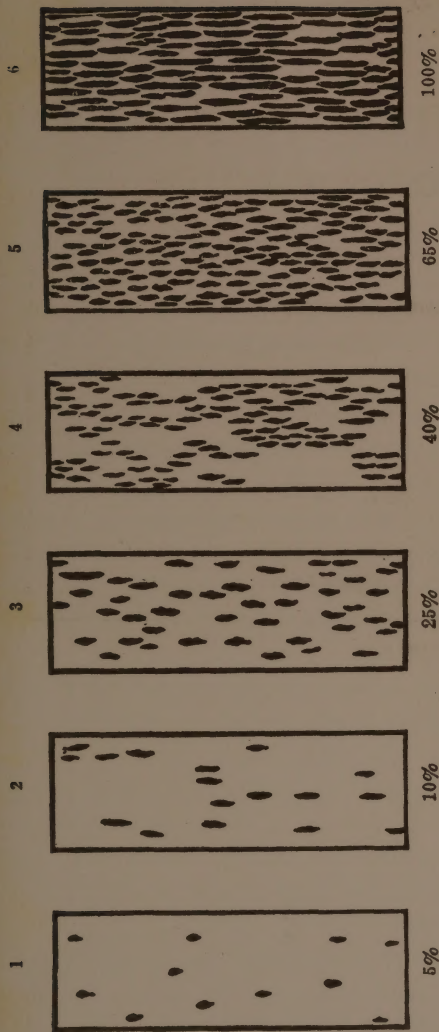
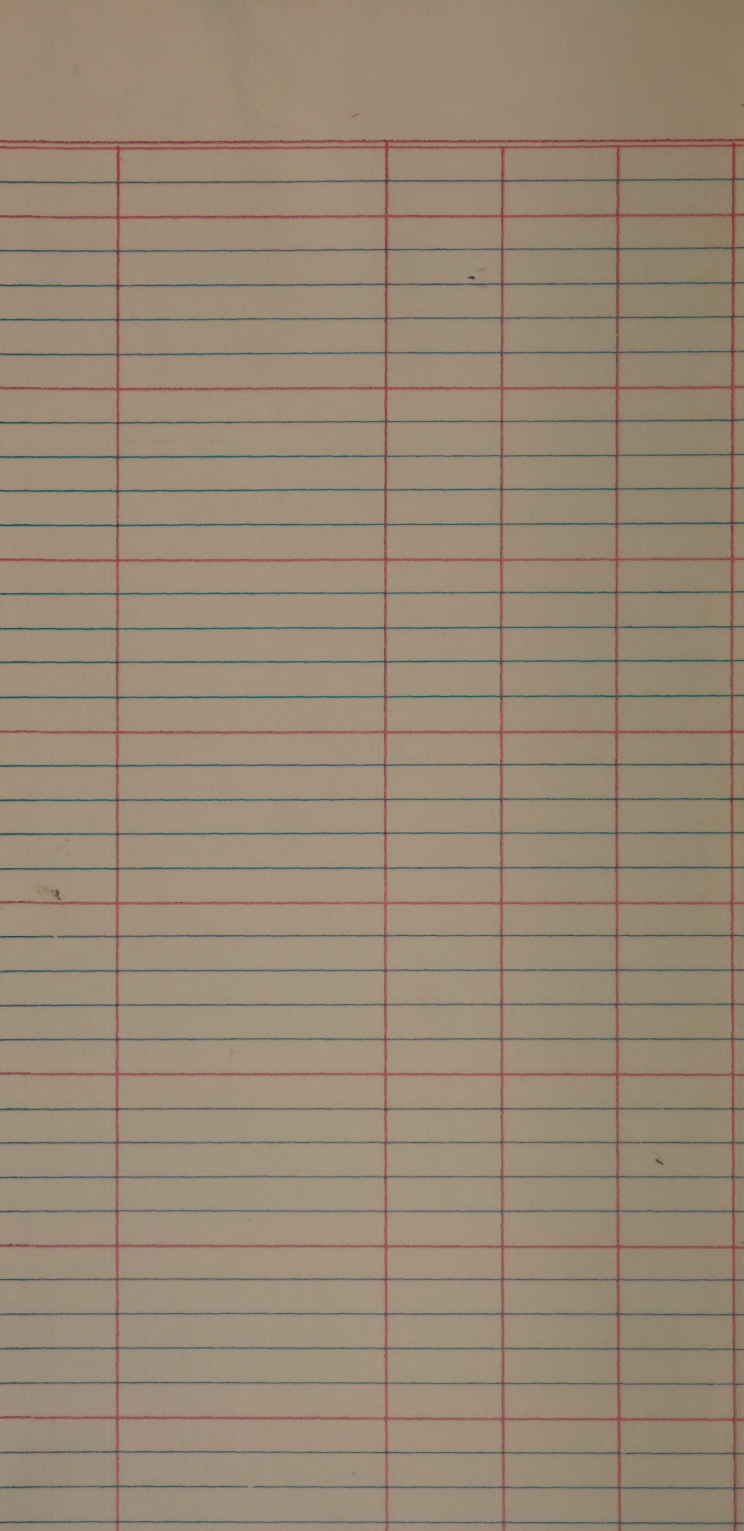
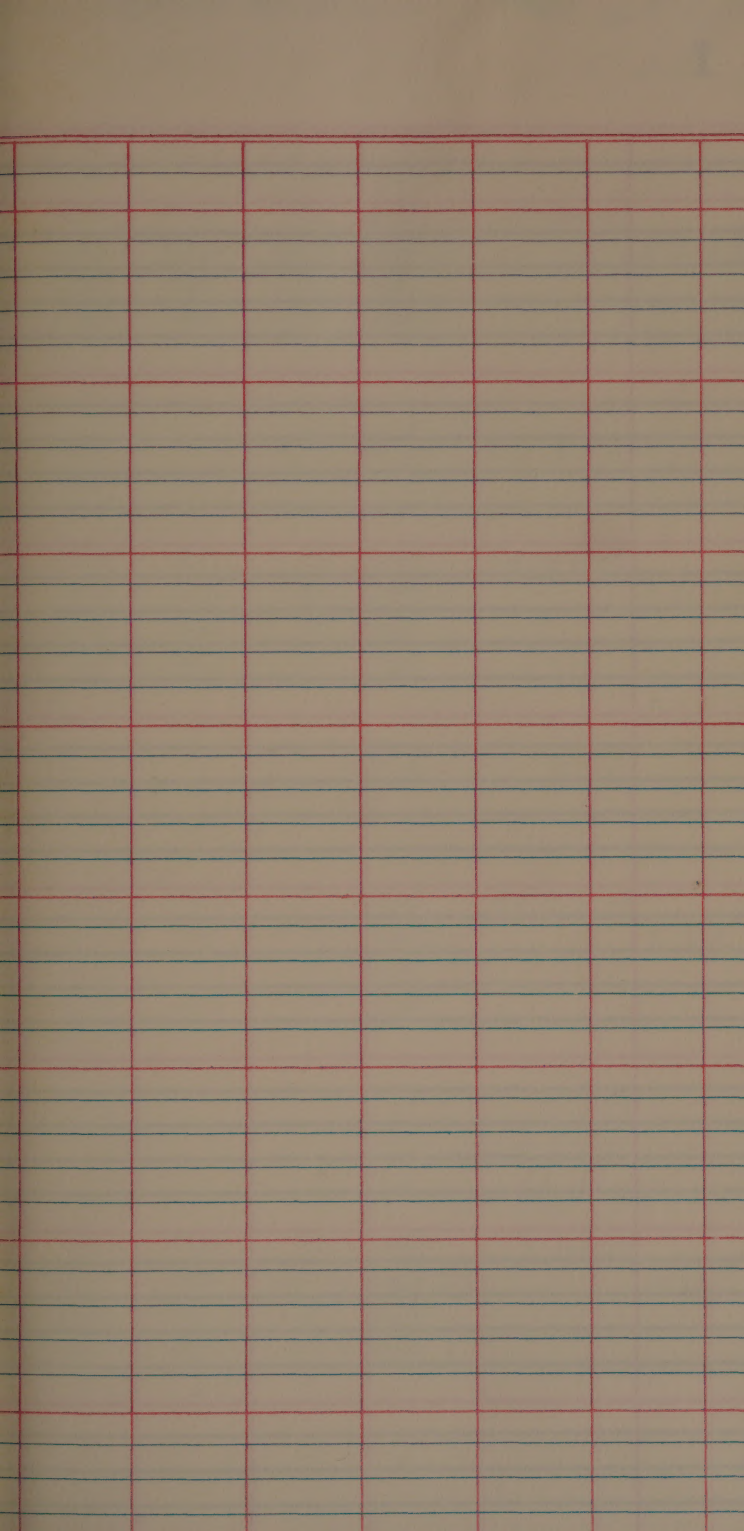


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

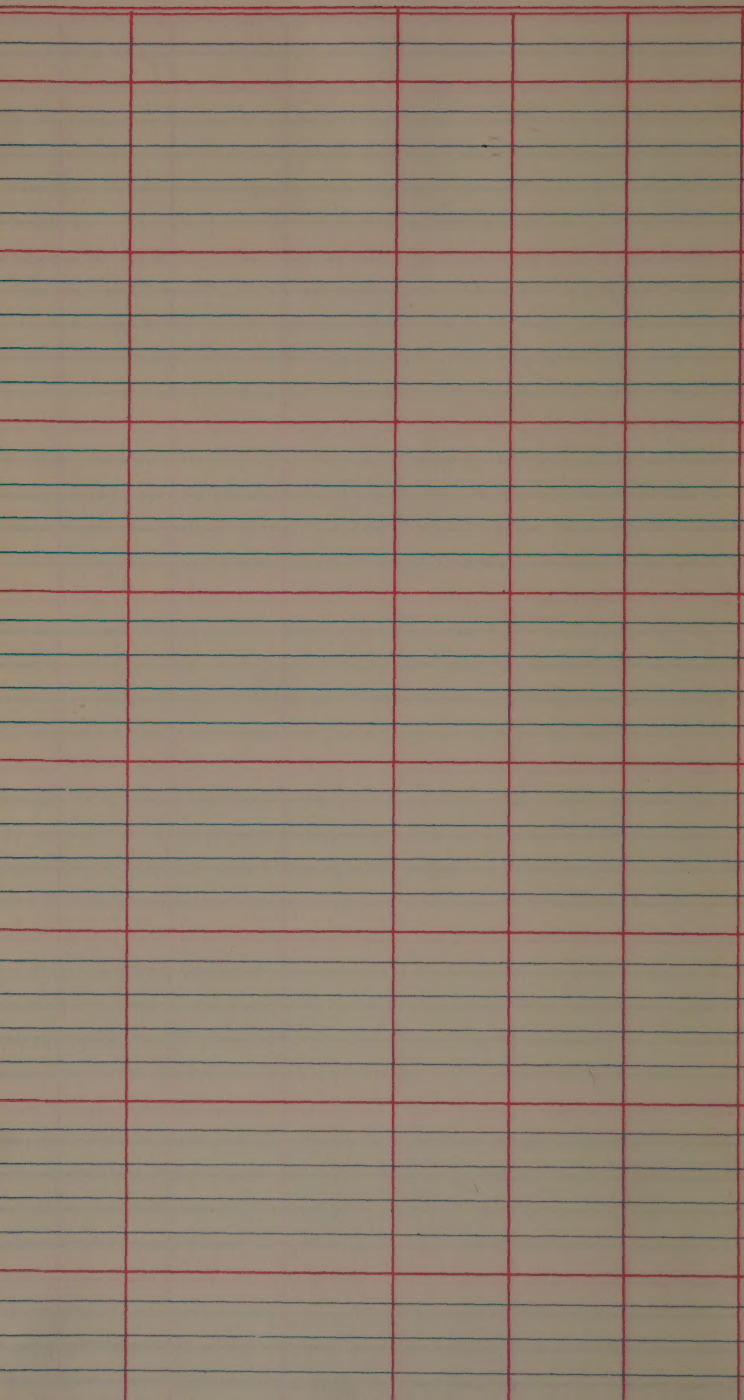
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

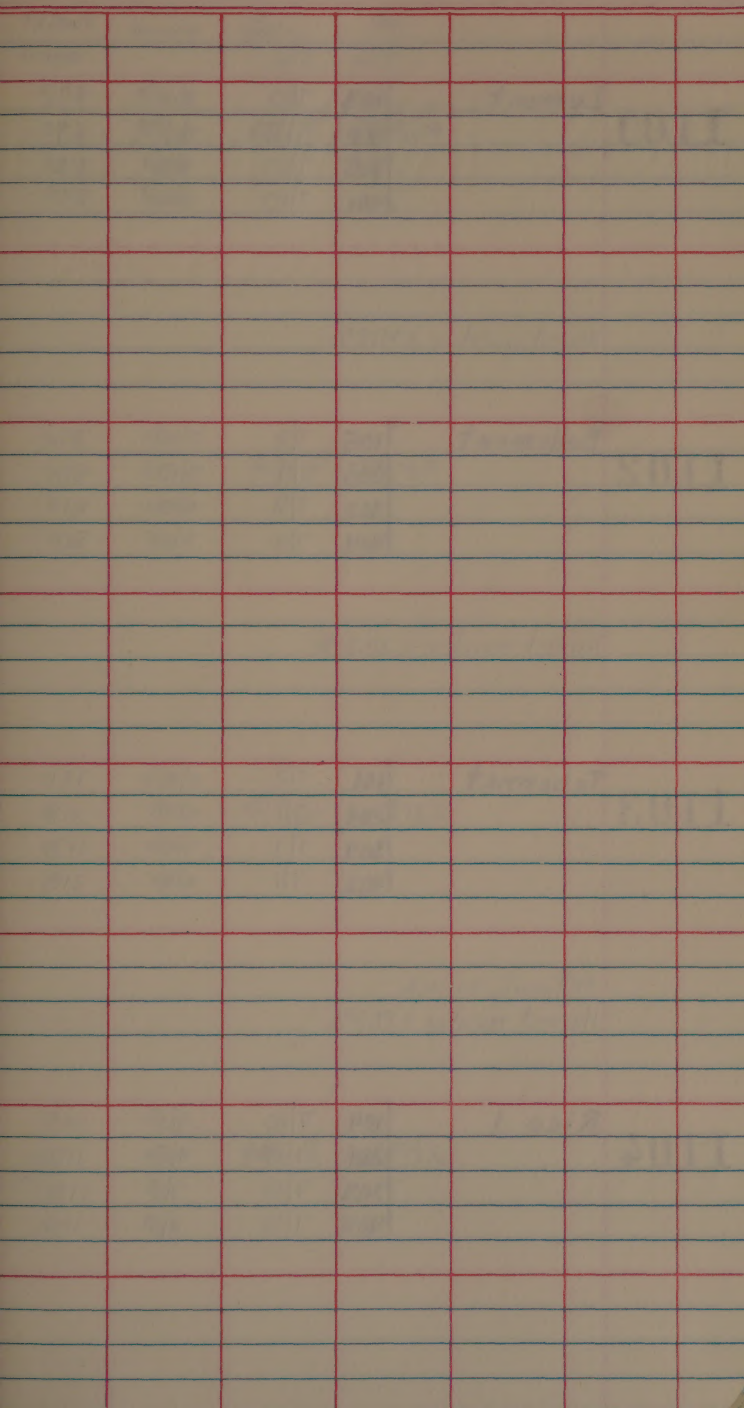
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.











## Plant Type Test

Seeded 4/12/84

Date I

|      |        |     |      | Height |    |
|------|--------|-----|------|--------|----|
|      |        |     |      | cm     |    |
| 1101 | Lemont | 103 | 7/10 | 8/10   | 89 |
|      |        | 202 | 7/11 | 8/10   | 87 |
|      |        | 305 | 7/10 | 8/10   | 88 |
|      |        | 401 | 7/10 | 8/10   | 89 |

Harvest moisture = 19.7%

|      |           |     |     |      |    |
|------|-----------|-----|-----|------|----|
| 1102 | Bellemont | 105 | 7/8 | 8/10 | 82 |
|      |           | 203 | 7/9 | 8/10 | 80 |
|      |           | 302 | 7/8 | 8/10 | 81 |
|      |           | 404 | 7/8 | 8/10 | 80 |

Harvest moisture = 20.2%

|      |          |     |     |      |     |
|------|----------|-----|-----|------|-----|
| 1103 | Tebonnet | 101 | 7/2 | 8/10 | 121 |
|      |          | 205 | 7/1 | 8/10 | 118 |
|      |          | 304 | 7/1 | 8/10 | 113 |
|      |          | 402 | 7/1 | 8/10 | 113 |

tall, early rogues

Harvest moisture = 17.3%

|      |        |     |      |     |     |
|------|--------|-----|------|-----|-----|
| 1104 | Rico 1 | 104 | 7/10 | 9/5 | 105 |
|      |        | 201 | 7/10 | 9/5 | 110 |
|      |        | 303 | 7/10 | 9/5 | 110 |
|      |        | 405 | 7/10 | 9/5 | 106 |





1105

R08303046

102

7/7

8/10

91

204

7/7

8/10

88

301

7/7

8/10

90

403

7/5

8/10

85

moisture at hv. = 19.2%

|   |      |      |           |  |  |
|---|------|------|-----------|--|--|
|   |      | By.  |           |  |  |
|   |      | WT.  |           |  |  |
| 0 | 8/11 |      |           |  |  |
| 0 | 8/11 | 43.1 | 68.2/71.8 |  |  |
| 0 | 8/11 |      |           |  |  |
| 0 | 8/11 |      |           |  |  |

Plant Type Test, Date II

north border 83/1217

Seeded 5/14/84

1106

LMNT

|     |     |     |    |
|-----|-----|-----|----|
| 101 | 8/4 | 9/5 | 85 |
| 202 | 8/6 | 9/5 | 86 |
| 304 | 8/5 | 9/5 | 85 |
| 403 | 8/5 | 9/5 | 80 |

1107

BLMT

|     |     |      |    |
|-----|-----|------|----|
| 103 | 8/3 | 8/31 | 83 |
| 205 | 8/1 | 8/31 | 75 |
| 301 | 8/3 | 8/31 | 77 |
| 401 | 8/2 | 8/31 | 76 |

1108

TBNT

|     |      |     |     |
|-----|------|-----|-----|
| 102 | 7/28 | 9/5 | 116 |
| 204 | 7/27 | 9/5 | 120 |
| 305 | 7/27 | 9/5 | 114 |
| 401 | 7/27 | 9/5 | 116 |

Early tall segs!

1109

Rico I

|     |     |      |     |
|-----|-----|------|-----|
| 105 | 8/7 | 9/25 | 107 |
| 201 | 8/6 | 9/25 | 107 |
| 303 | 8/6 | 9/25 | 109 |
| 404 | 8/6 | 9/25 | 107 |

|    | 2' x 2 | Box  | %         |  |  |  |
|----|--------|------|-----------|--|--|--|
|    |        | WT.  | W/T       |  |  |  |
| 0  | 9/10   |      |           |  |  |  |
| 0  | 9/10   | 43.5 | 68.1/73.2 |  |  |  |
| 0  | 9/10   |      |           |  |  |  |
| 0  | 9/10   |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
| 0  | 9/2    |      |           |  |  |  |
| 0  | 9/2    | 42.2 | 64.2/71.3 |  |  |  |
| 0  | 9/2    |      |           |  |  |  |
| 0  | 9/2    |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
| 0  | 9/10   |      |           |  |  |  |
| 70 | 9/10   | 44.0 | 67.4/73.0 |  |  |  |
| 30 | 9/10   |      |           |  |  |  |
| 0  | 9/10   |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
|    |        |      |           |  |  |  |
| 0  | 9/27   |      |           |  |  |  |
| 0  | 9/27   | 42.1 | 66.8/76.0 |  |  |  |
| 0  | 9/27   |      | hulled    |  |  |  |
| 0  | 9/27   |      |           |  |  |  |



1110

RJ8303046

104

8/2

8/31

88

203

8/1

8/31

86

302

8/2

8/31

86

405

7/31

8/31

80

|   | 2' x 2 | Bu.  |      |      |  |  |
|---|--------|------|------|------|--|--|
| 0 | 9/2    |      |      |      |  |  |
| 0 | 9/2    | 43.4 | 67.3 | 72.8 |  |  |
| 0 | 9/2    |      |      |      |  |  |
| 0 | 9/2    |      |      |      |  |  |

Plant Type Test, Date III

Seeded 6/5/64

North border 83/1218

1111

LMNT

|     |      |      |    |
|-----|------|------|----|
| 102 | 8/21 | 9/25 | 90 |
| 205 | 8/20 | 9/25 | 87 |
| 303 | 8/21 | 9/25 | 85 |
| 404 | 8/20 | 9/25 | 87 |

1112

BLMT

|     |      |      |    |
|-----|------|------|----|
| 105 | 8/16 | 9/19 | 82 |
| 202 | 8/17 | 9/19 | 81 |
| 304 | 8/17 | 9/19 | 81 |
| 401 | 8/16 | 9/19 | 80 |

1113

TBNT

|     |      |      |     |
|-----|------|------|-----|
| 103 | 8/12 | 9/19 | 126 |
| 204 | 8/12 | 9/19 | 127 |
| 301 | 8/12 | 9/19 | 125 |
| 403 | 8/12 | 9/19 | 124 |

1114

Rico I

|     |      |       |     |
|-----|------|-------|-----|
| 101 | 8/22 | 10/11 | 109 |
| 203 | 8/22 | 10/11 | 116 |
| 302 | 8/22 | 10/11 | 115 |
| 405 | 8/22 | 10/11 | 114 |





1115

RU8303046

104

8/16

9/19

89

201

8/16

9/19

85

305

8/16

9/19

88

402

8/16

9/19

85

Dev  
UT.

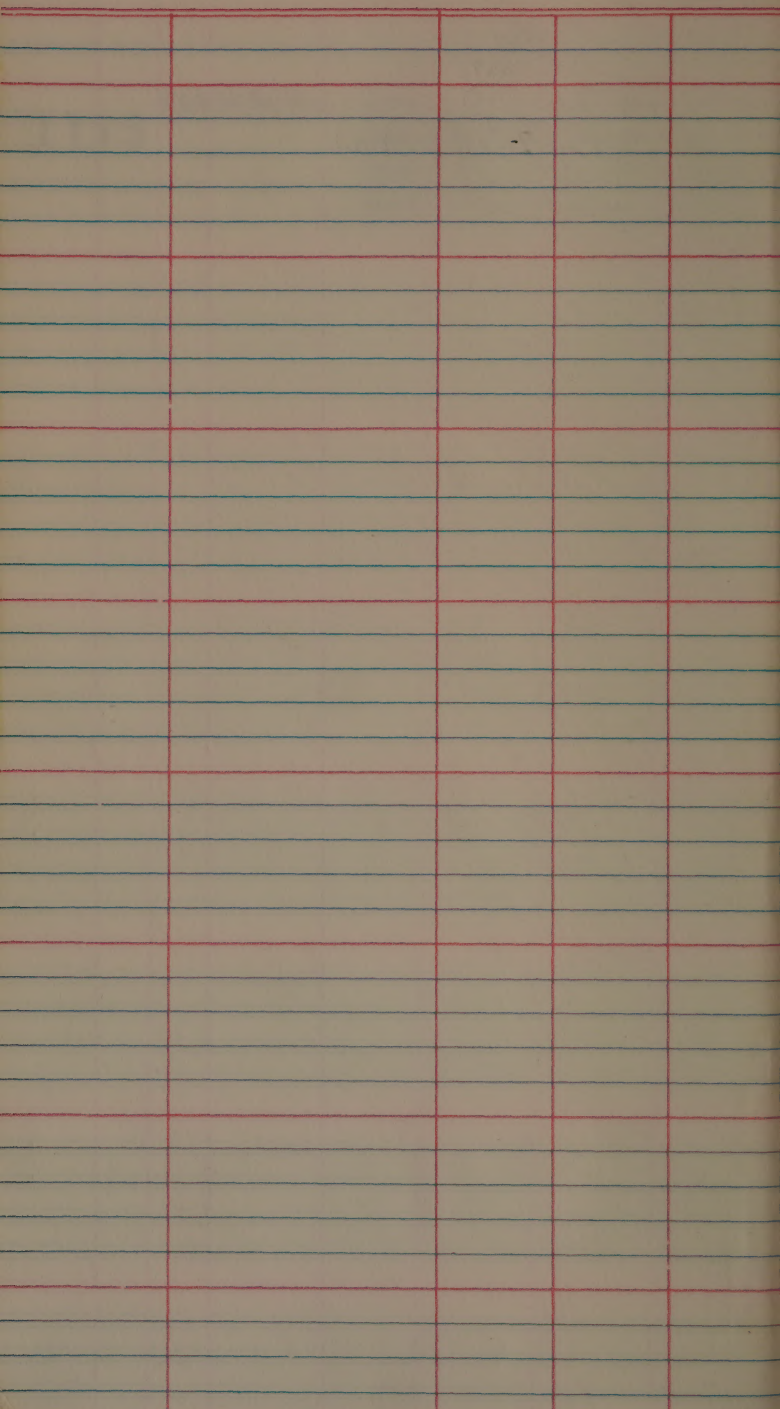
9/21

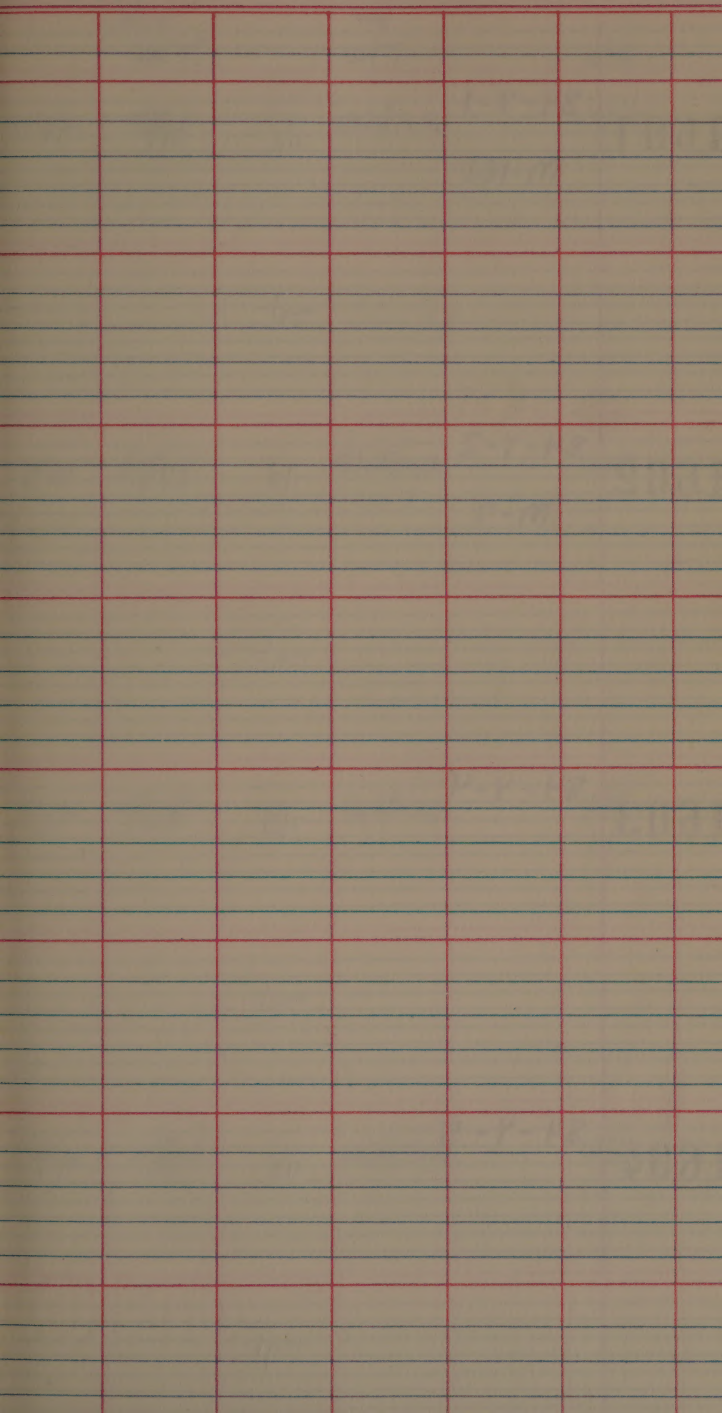
9/21

43.8 68.8/73.1

9/21

9/21







California Variety Trial South border 83/153  
Seeded 4/18/84 North border 83/1215

|      |        |     |     |    |
|------|--------|-----|-----|----|
| 1601 | 84-Y-1 | 7/1 | 8/7 | 91 |
|      | M-101  |     |     |    |

mgt

|      |        |     |      |     |
|------|--------|-----|------|-----|
| 1602 | 84-Y-2 | 7/8 | 8/24 | 103 |
|      | M-9    |     |      |     |

mgt

|      |        |     |      |    |
|------|--------|-----|------|----|
| 1603 | 84-Y-4 | 7/5 | 8/16 | 96 |
|      |        |     |      |    |

mgt

|      |        |     |      |    |
|------|--------|-----|------|----|
| 1604 | 84-Y-5 | 7/5 | 8/16 | 97 |
|      |        |     |      |    |

mgt

100 lb N/A at seeding and 60 lb/A topdressed  
on 6/22.

9

|       | Rel.<br>WT. | %<br>w/T  | lb/A |
|-------|-------------|-----------|------|
| 100 L | 43.1        | 67.2/72.8 | 5320 |
| 90    | 39.8        | 58.0/71.8 | 5017 |
| 80 L  | 41.9        | 66.6/72.0 | 4965 |
| 90 L  | 43.0        | 68.7/73.0 | 5572 |

1605

84-4-6

7/3

8/16

96

1606

84-4-7

7/4

8/16

89

myt

1607

84-4-8

6/30

8/13

87

1608

84-4-9

7/3

8/16

95

Bu.

WT

16/A

100 L

40.9

66.6/72.2

5685

0

41.6

68.0/72.0

5047

0

43.2

67.2/71.2

4996

80 L

42.9

65.0/73.2

5705



1609

84-Y-10

7/4

8/16

96

mg+

1610

84-Y-11

7/3

8/7

93

mg+

1611

84-Y-12

7/2

8/13

92

1612

84-Y-13

7/4

8/21

94

|       |             |  |           |  |      |
|-------|-------------|--|-----------|--|------|
|       | Bei.<br>WT. |  |           |  | 1b/A |
| 0     | 42.0        |  | 67.2/73.2 |  | 5890 |
| 0     | 43.4        |  | 70.8/73.4 |  | 5690 |
| 0     | 40.7        |  | 69.8/72.8 |  | 6024 |
| 100 L | 43.9        |  | 72.1/74.6 |  | 6106 |

1613

84-4-14

7/7

8/16

99

Variable ht. &amp; heading!

WTM  
sgt

1614

84-4-15

7/3

8/16

97

1615

84-4-16

6/29

8/17

90

many taller late  
sps. as tillers

mgt

1616

84-4-17

7/6

8/13

95





1617

84-Y-18

7/4

8/16

87

mgt

1618

84-Y-19

7/11

8/13

96

1619

84-Y-20

7/8

8/24

100

sgt

1620

84-Y-22

L-202

7/7

8/13

90



|      |         |       |      |     |
|------|---------|-------|------|-----|
|      |         |       |      |     |
| 1621 | 84-4-23 | 7/4 - | 8/16 | 101 |
|      |         |       |      |     |
|      |         | lgt   |      |     |
| 1622 | 84-4-29 | 7/9   | 8/27 | 103 |
|      | m-9     |       |      |     |
|      |         |       | mpt  |     |
| 1623 | 84-4-30 | 7/4   | 8/13 | 81  |
|      | m-201   |       |      |     |
| 1624 | 84-4-31 | 7/14  | 9/6  | 103 |
|      | S-201   |       |      |     |

Bu

WT

16/A

0

37.0

32.2/12.1

6332

50

41.2

61.7/12.2

4749

0

43.4

68.4/12.8

6014

0

40.6

55.4/12.4

4760



1625

84-Y-32

Calmochi-202

7/6-

8/21

98

1626

84-Y-34

7/9

8/27

106

1627

84-Y-36

7/5

8/21

93

1628

84-Y-37

7/7

8/24

97

mgf

|      | Bu.  | WT   |      |      |  |              |
|------|------|------|------|------|--|--------------|
| 80 L | 41.0 |      | 69.6 | 72.9 |  | 16/A<br>5042 |
| 0    | 39.3 |      | 70.4 | 74.4 |  | 6014         |
| 0    |      | 42.1 | 64.8 | 71.4 |  | 5633         |
| 90   |      | 43.0 | 65.1 | 71.4 |  | 5669         |

1629

84-Y-38

7/9-

8/27

98

1630

84-Y-40

7/9

8/27

98

mgt

1631

84-Y-41

7/5

8/21

94

1632

84-Y-42

7/4

8/21

100

sgt

|       | Bar.<br>WT. |  |           |  | 16/A |
|-------|-------------|--|-----------|--|------|
| 0     | 42.1        |  | 58.2/12.6 |  | 5371 |
| 80 L  | 42.0        |  | 59.6/12.5 |  | 5418 |
| 100 L | 41.8        |  | 65.6/14.5 |  | 5736 |
| 80 L  | 43.0        |  | 69.0/13.4 |  | 5952 |



1633

84-4-43

$$\frac{1}{9}$$

100

1634

84-4-44

110

L-201

1635

84-Y-45

 $\frac{7}{4}$ 

8/16

|                        |     |
|------------------------|-----|
| Severe leaf senescence | 1 g |
| at maturity            |     |

1636

84-4-46

713

8/16

1987

|    | Bar<br>WT. |  |           |  |      |  |
|----|------------|--|-----------|--|------|--|
| 20 | 42.5       |  | 67.1/71.8 |  | 5793 |  |
| 80 | 37.8       |  | 48.7/69.4 |  | 6055 |  |
| 10 | 37.1       |  | 47.1/71.7 |  | 6075 |  |
| 0  | 39.0       |  | 48.6/71.6 |  | 5741 |  |

1637

84-4-47

7/7

8/13

97

1638

84-4-48

7/9

8/16

99

19+

1639

84-4-49

7/7

8/16

105

19+

1640

84-4-50

7/6

8/13

93

19+

Bu.  
WT.

16/A

0

34.8

51.8/67.4

4667

0

36.3

60.6/68.8

5870

0

36.4

49.7/67.0

5582

0

38.7

61.4/69.4

5325



|      |         |            |      |     |
|------|---------|------------|------|-----|
|      |         |            |      |     |
| 1641 | 84-Y-51 | 7/7        | 8/16 | 91  |
|      |         | mgt        |      |     |
| 1642 | 84-Y-52 | 7/6        | 8/16 | 90  |
|      |         | mgt        |      |     |
| 1643 | 84-Y-61 | 8/2        | 9/6  |     |
|      | M7      |            |      |     |
|      |         | WTG<br>mgt |      |     |
| 1644 | 84-Y-62 | 7/13       | 8/21 | 108 |
|      | M-302   |            |      |     |
|      |         | mgt        |      |     |



|      |                       |                        |     |     |
|------|-----------------------|------------------------|-----|-----|
|      |                       |                        |     |     |
| 1645 | 84-Y-63<br>M-401      | 7/16                   | 9/6 | 110 |
|      |                       | mgt                    |     |     |
| 1646 | 84-Y-64               | 7/13                   | 9/6 | 95  |
| 1647 | 84-Y-65               | 7/15                   | 9/6 | 97  |
|      | Severe pain. problems | sgt                    |     |     |
| 1648 | 84-Y-66               | 7/14                   | 9/6 | 100 |
|      | many till late ays    | WT <sub>m</sub><br>mgt |     |     |

|   | Bu.<br>WT. |  |           |      |      |
|---|------------|--|-----------|------|------|
| 0 | 37.7       |  | 35.2/68.0 | 16/A | 3027 |
| 0 | 39.2       |  | 61.5/71.4 |      | 4199 |
| 0 | 37.0       |  | 37.6/70.6 |      | 4379 |
| 0 | 39.0       |  | 39.0/68.3 |      | 3135 |



|      |         |      |     |     |
|------|---------|------|-----|-----|
| 1649 | 84-4-67 | 7/23 | 9/6 | 111 |
|------|---------|------|-----|-----|

|      |         |      |     |     |
|------|---------|------|-----|-----|
| 1650 | 84-4-68 | 7/13 | 9/6 | 100 |
|------|---------|------|-----|-----|

myt

|      |         |      |     |     |
|------|---------|------|-----|-----|
| 1651 | 84-4-69 | 7/18 | 9/6 | 108 |
|------|---------|------|-----|-----|

myt

|      |         |      |     |  |
|------|---------|------|-----|--|
| 1652 | 84-4-70 | 7/26 | 9/6 |  |
|------|---------|------|-----|--|

Bu.

WT.

16/A

0

37.2

47.5/70.4

3423

0

40.9

55.1/70.6

4097

0

36.8

54.2/68.9

3845

60

38.4

55.8/69.2

3670

|      |         |      |     |     |
|------|---------|------|-----|-----|
| 1653 | 84-Y-71 | 7/15 | 9/6 | 109 |
|------|---------|------|-----|-----|

mg+

|      |         |      |     |     |
|------|---------|------|-----|-----|
| 1654 | 84-Y-72 | 7/15 | 9/6 | 101 |
|------|---------|------|-----|-----|

WT+

|      |         |      |      |  |
|------|---------|------|------|--|
| 1655 | 84-Y-73 | 7/10 | 8/24 |  |
|------|---------|------|------|--|

|      |         |      |      |     |
|------|---------|------|------|-----|
| 1656 | 84-Y-74 | 7/10 | 8/31 | 106 |
|------|---------|------|------|-----|

|    | Bu.<br>WT. |  |           |  | 16/A |
|----|------------|--|-----------|--|------|
| 0  | 39.6       |  | 51.7/70.6 |  | 3428 |
| 0  | 38.9       |  | 52.6/69.0 |  | 3932 |
| 0  | 41.9       |  | 51.4/72.2 |  | 7068 |
| 80 | 42.2       |  | 67.0/71.2 |  | 4837 |



1657

84-4-75

7/12

8/27

100

1658

84-4-76

7/18

9/6

106

mgt

1659

84-4-77

7/17

9/6

103

sgt

1660

84-4-78

7/15

9/6

108

Early segs

sgt

|   | Bu.<br>WT. |      |      |      |  |
|---|------------|------|------|------|--|
| 0 | 42.5       | 65.6 | 72.0 | 5618 |  |
| 0 | 39.2       | 53.4 | 69.6 | 4230 |  |
| 0 | 42.6       | 59.8 | 71.8 | 4970 |  |
| 0 | 41.2       | 63.4 | 71.2 | 4189 |  |

1661

84-4-79

7/26

9/6

wtm  
mgt

1662

84-4-80

7/23

9/6

110

1663

84-4-81

7/27

9/6

1664

84-4-82

7/16

9/6

Bu

u.T.

1b/A

0

38.3

56.6/70.2

3007

40 L

37.5

52.6/70.3

2991

80

39.3

62.4/71.0

4081

0

39.0

50.2/69.9

4261



1665

84-4-84

7/19

8/24

97

Early fall segs

Variable

Very severe PR?

1st

1666

84-4-85

8/1

9/6

1667

Kokuhorose

7/27

8/31

130

Severe canopy

Very long thin flags!

WTH

1668

Cal Peari

7/3

2/21

92

Bu

WT.

16/A

0

38.6

48.8/70.8

2945

0

40.6

60.4/70.5

3655

70

35.6

61.4/71.1

2812

60 L

40.9

70.9/74.8

5104

1669

Cal Belle

7/3

8/13

119

was. Seeding; late eggs.

1/4

1670

LMNT

7/17

8/21

87

(Fd)

1671

BLMT

7/13

8/13

87

(Fd)

1672

SKBT

7/10

8/16

113

(Fd)

|    | Bu.<br>WT. |           |  |      |      |
|----|------------|-----------|--|------|------|
| 40 | 40.4       | 52.6/71.0 |  | 16/A | 5824 |
| 0  | 42.6       | 63.0/72.4 |  |      | 6050 |
| 0  | 42.0       | 65.2/71.2 |  |      | 5500 |
| 0  | 42.8       | 61.8/72.0 |  |      | 5202 |



|      |      |     |     |     |
|------|------|-----|-----|-----|
| 1673 | LBLE | 7/4 | 8/7 | 113 |
|      | (Fd) |     |     |     |

|      |      |      |      |     |
|------|------|------|------|-----|
| 1674 | LBNT | 7/15 | 8/16 | 117 |
|      | (Fd) |      |      |     |

|      |      |      |      |     |
|------|------|------|------|-----|
| 1675 | NWRX | 7/10 | 8/13 | 110 |
|      | (Fd) |      |      |     |

|      |       |      |      |     |
|------|-------|------|------|-----|
| 1676 | NWBT  | 7/20 | 8/24 | 108 |
|      | (Stg) |      |      |     |



|      |      |     |      |     |
|------|------|-----|------|-----|
| 1677 | TRNT | 7/9 | 8/16 | 118 |
|------|------|-----|------|-----|

(Stg)

|      |        |      |      |     |
|------|--------|------|------|-----|
| 1678 | Toro-2 | 7/16 | 8/16 | 103 |
|------|--------|------|------|-----|

(Cro)

|      |           |      |      |    |
|------|-----------|------|------|----|
| 1679 | RUS303046 | 7/13 | 8/13 | 90 |
|------|-----------|------|------|----|

|      |      |     |      |     |
|------|------|-----|------|-----|
| 1680 | BOND | 7/6 | 8/13 | 103 |
|------|------|-----|------|-----|

(Stg)





1681

Nanking Sel.

7/12

8/16

92

(1808)

1682

LA 110

7/20

8/31

97

(1806)

1683

Kwang-chang-ai

7/13

8/21

99

(1809)

1684

NATO

7/18

8/27

134

Bus  
WT.

16/A

0

41.0

58.2/69.9

6086

80

42.8

37.0/70.8

8209

0

42.9

60.2/73.0

7068

70

44.4

66.9

4184

|      |                                                                       |      |      |     |
|------|-----------------------------------------------------------------------|------|------|-----|
| 1685 | Rico I<br>RU8203141<br>B7439A1-48-1-4-Bk<br>-2-2-Bk<br>(82/18601-700) | 7/16 | 9/16 | 112 |
|------|-----------------------------------------------------------------------|------|------|-----|

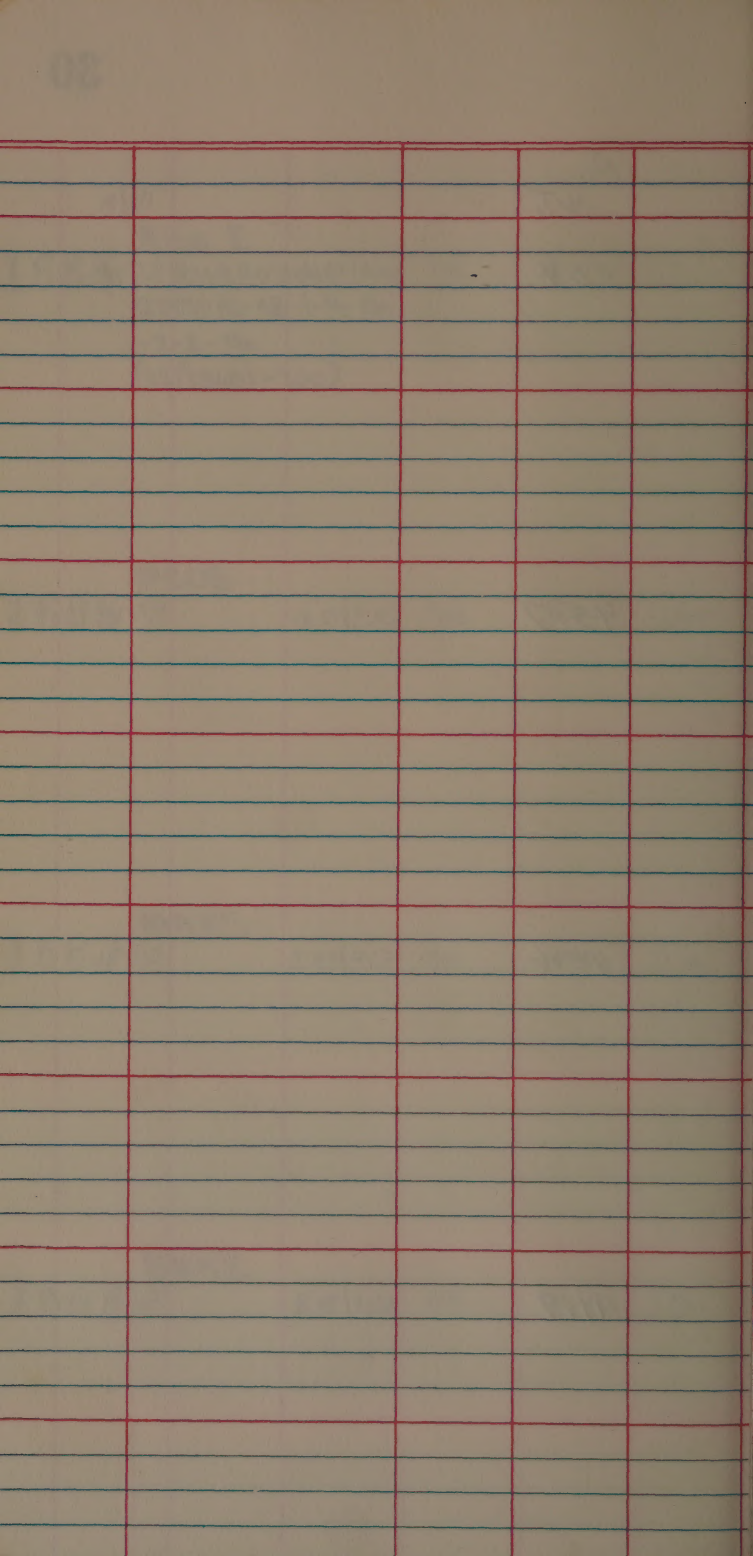
|      |      |      |      |     |
|------|------|------|------|-----|
| 1686 | PCOS | 7/12 | 8/24 | 106 |
|------|------|------|------|-----|

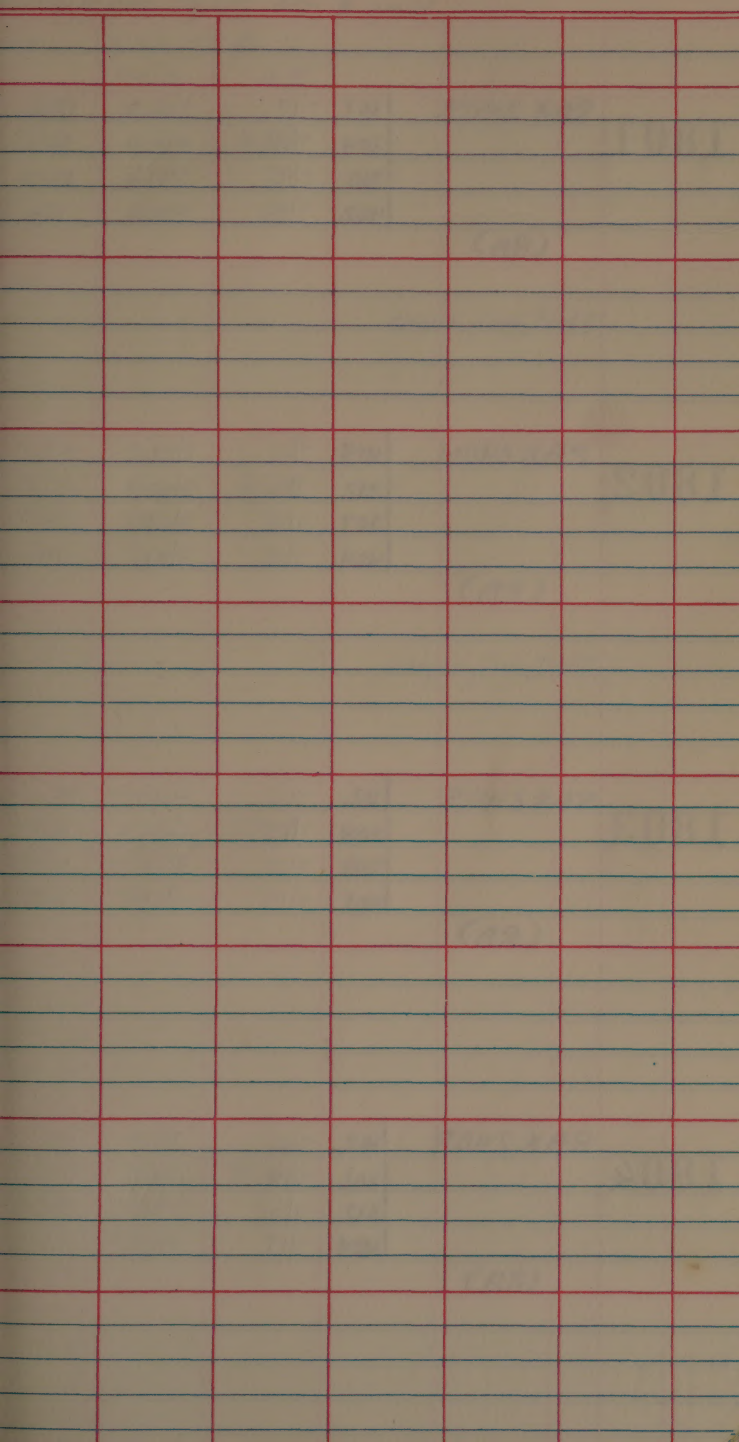
|      |      |      |      |     |
|------|------|------|------|-----|
| 1687 | MARS | 7/15 | 8/24 | 113 |
|------|------|------|------|-----|

|      |      |      |      |     |
|------|------|------|------|-----|
| 1688 | BRAZ | 7/15 | 8/24 | 110 |
|------|------|------|------|-----|

|   | Bu.<br>WT. |           |  |      |      |
|---|------------|-----------|--|------|------|
| 0 | 41.4       | 60.0/72.0 |  | 16/A | 5628 |
| 0 | 45.7       | 68.3/72.0 |  |      | 5978 |
| 0 | 40.6       | 51.4/72.3 |  |      | 5356 |
| 0 | 41.9       | 60.1/70.4 |  |      | 5073 |







# Hybrid Variety Trial

Seeded 4/5/84

1801

RAX 2403

107

7/17

8/24

102

204

7/16

8/24

103

310

7/15

8/24

100

402

7/15

8/24

106

(RA)

Short, early roques

1802

RAX 2404

105

7/16

8/27

99

212

7/16

8/27

97

307

7/15

8/27

98

404

7/15

8/27

99

(RA)

Short, early roques

1803

RAX 2405

106

7/16

8/24

102

208

7/17

8/24

104

309

7/17

8/24

102

401

7/17

8/24

108

(RA)

1804

RAX 2408

102

7/16

8/31

106

206

7/18

8/31

100

312

7/20

8/31

95

409

7/17

8/31

91

(RA)

Note: applied "Tilt" 7/12/84 to all plots.

32

Hv'd 16' x 4 rows/plot

MILLING % AND Bu.WT. REP. 'B' ONLY

|   | 2' x 2 | Bu   |  |  |  |
|---|--------|------|--|--|--|
|   | sample | WT.  |  |  |  |
| 0 | 8/25   |      |  |  |  |
| 0 | 8/25   | 43.1 |  |  |  |
| 0 | 8/25   |      |  |  |  |
| 0 | 8/25   |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
| 0 | 8/28   |      |  |  |  |
| 0 | 8/28   | 41.7 |  |  |  |
| 0 | 8/28   |      |  |  |  |
| 0 | 8/28   |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
| 0 | 8/25   |      |  |  |  |
| 0 | 8/25   | 38.9 |  |  |  |
| 0 | 8/25   |      |  |  |  |
| 0 | 8/25   |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
|   |        |      |  |  |  |
| 0 | 9/1    |      |  |  |  |
| 0 | 9/1    | 41.6 |  |  |  |
| 0 | 9/1    |      |  |  |  |
| 0 | 9/1    |      |  |  |  |
|   |        |      |  |  |  |



1805

RAX 2414

112

7/18

8/31

95

202

7/16

8/31

102

305

7/16

8/31

101

411

7/16

8/31

102

(RA)

Short, early roques

1806

LA 110

110

7/13

8/21

91

205

7/13

8/21

98

308

7/13

8/21

96

403

7/12

8/21

97

(1806)

1807

RU 7803097

111

7/17

8/31

102

203

7/18

8/31

108

306

7/18

8/31

106

408

7/17

8/31

106

(1807)

Early roques

1808

Nanking

109

7/2

8/10

90

207

7/3

8/10

94

304

7/2

8/10

93

406

7/2

8/10

96

(1808)

moisture at hv. = 20.8%



1809

Kwang-chang-di

104

7/4

8/16

93

201

7/4

8/16

93

311

7/4

8/16

91

410

7/3

8/16

96

(1809)

1810

BRAZ

101

7/8

8/22

111

209

7/7

8/22

120

303

7/5

8/22

120

412

7/7

8/22

122

(Fd)

1811

RICO 1

103

7/10

8/31

112

211

7/9

8/31

110

RU 8203141

301

7/9

8/31

111

405

7/8

8/31

113

(82/18601-700)

1812

LMNT

108

7/10

8/13

92

210

7/9

8/13

94

302

7/6

8/13

93

407

7/7

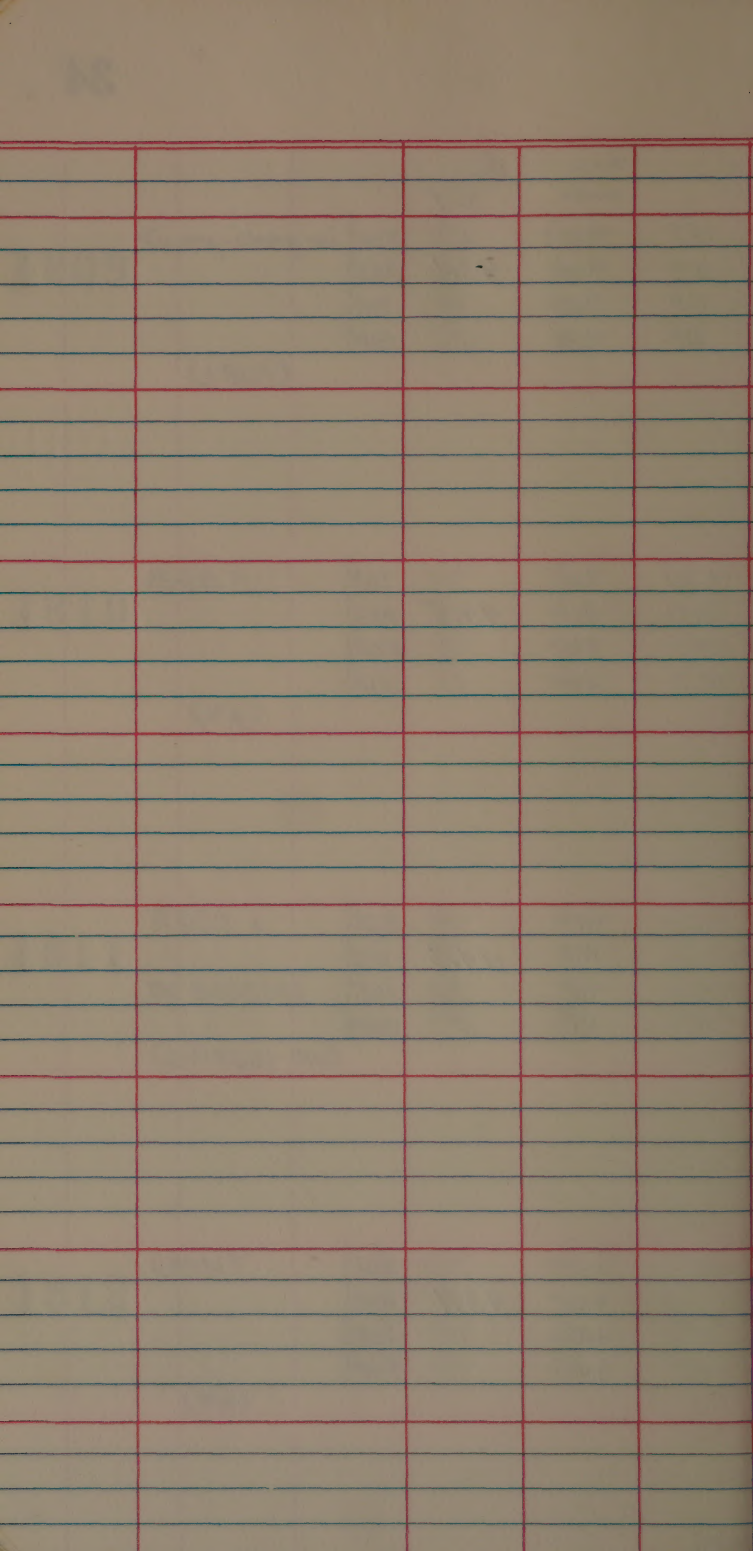
8/13

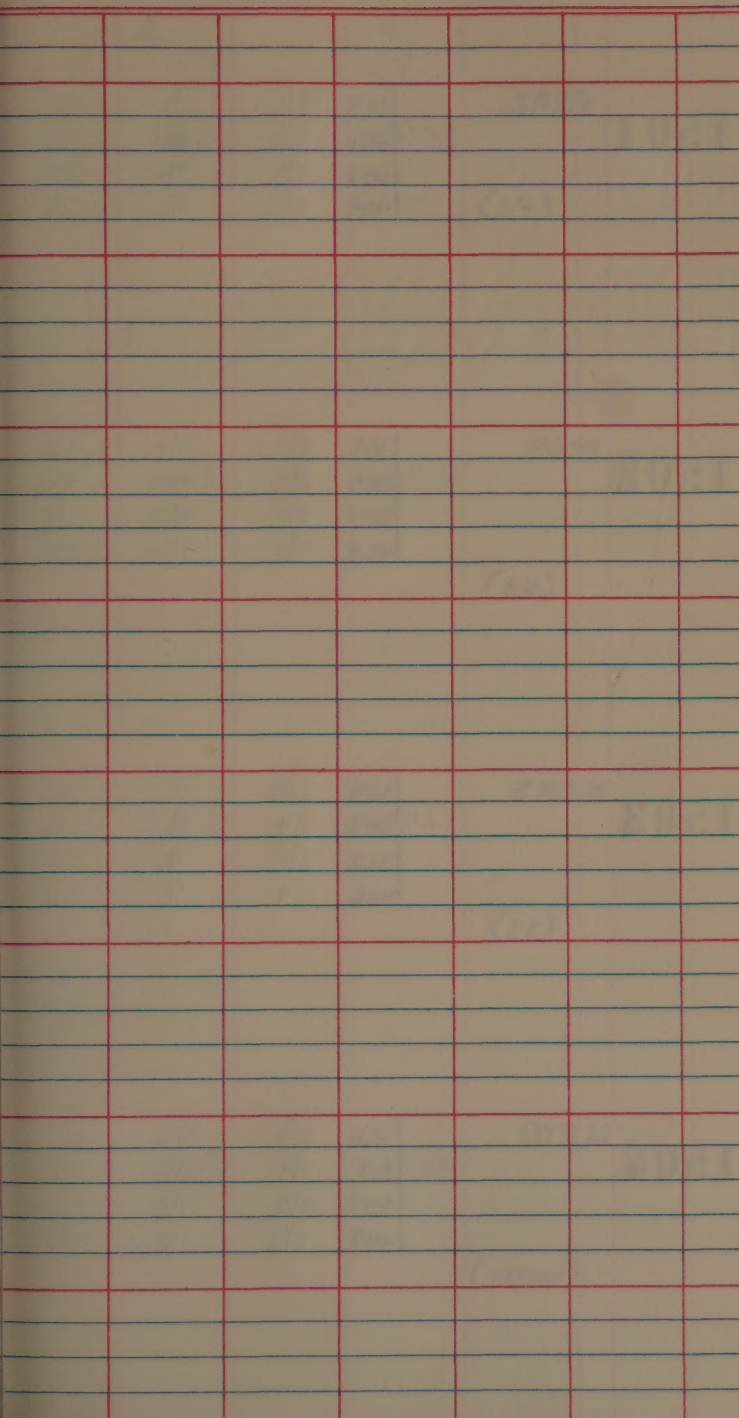
93

(Fd)















1505

STRN

112

8/6

9/6

108

208

8/7

9/6

113

304

8/6

9/6

119

407

8/6

9/6

114

(82/123)

1506

M-9

110

7/29

8/30

94

205

7/29

8/30

102

311

7/29

8/30

94

402

7/29

8/30

102

(117)

1507

M201

109

7/26

8/30

80

211

7/26

8/30

75

301

7/27

8/30

83

404

7/26

8/30

84

(2)

1508

RICO 1

107

8/5

9/10

92

202

8/6

9/10

100

310

8/7

9/10

97

405

8/6

9/10

101

(82/18601-700)

Bel.

wt.

0

0

0

0

43.8

68.8/72.8

0

0

0

0

40.9

64.6/71.2

0

0

0

0

43.7

67.4/72.4

0

0

0

0

45.7

71.1/73.0

1509

RU8303049

104

8/8

9/10

89

206

8/7

9/10

90

303

8/7

9/10

88

412

8/8

9/10

80

(49)

Some sat. in heading

WTs

1510

RU8103062

111

8/9

9/10

88

207

8/8

9/10

97

302

8/7

9/10

98

410

8/8

9/10

93

(63)

1511

RU8303138

105

8/9

9/17

91

210

8/9

9/17

96

308

8/9

9/17

103

401

8/9

9/17

101

(138)

1512

RU8303178

102

8/7

9/10

93

204

8/7

9/10

98

306

8/8

9/10

96

411

8/8

9/10

90

(178)

Bu.

WT.

43.9

68.8/73.6

45.9

70.4/73.8

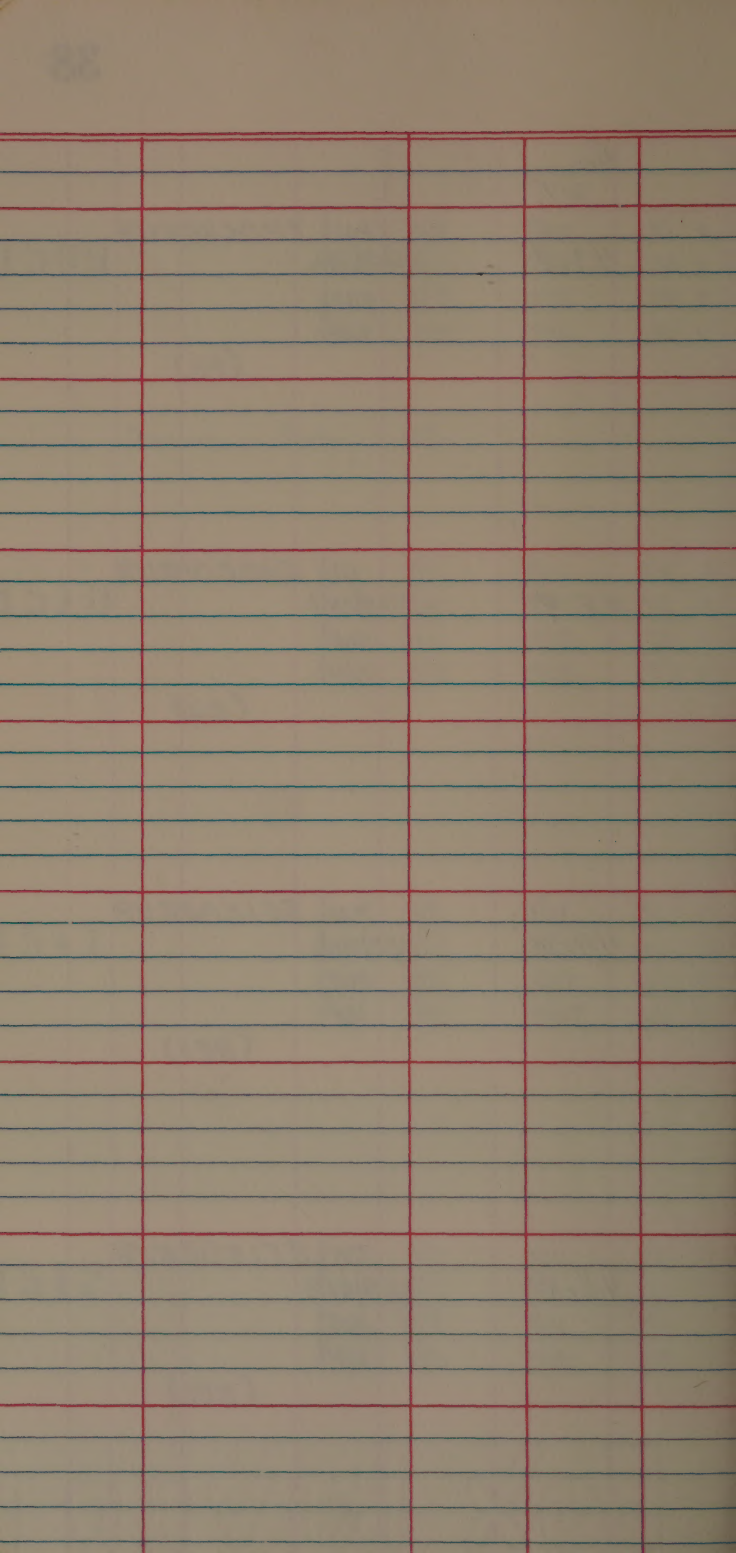
44.3

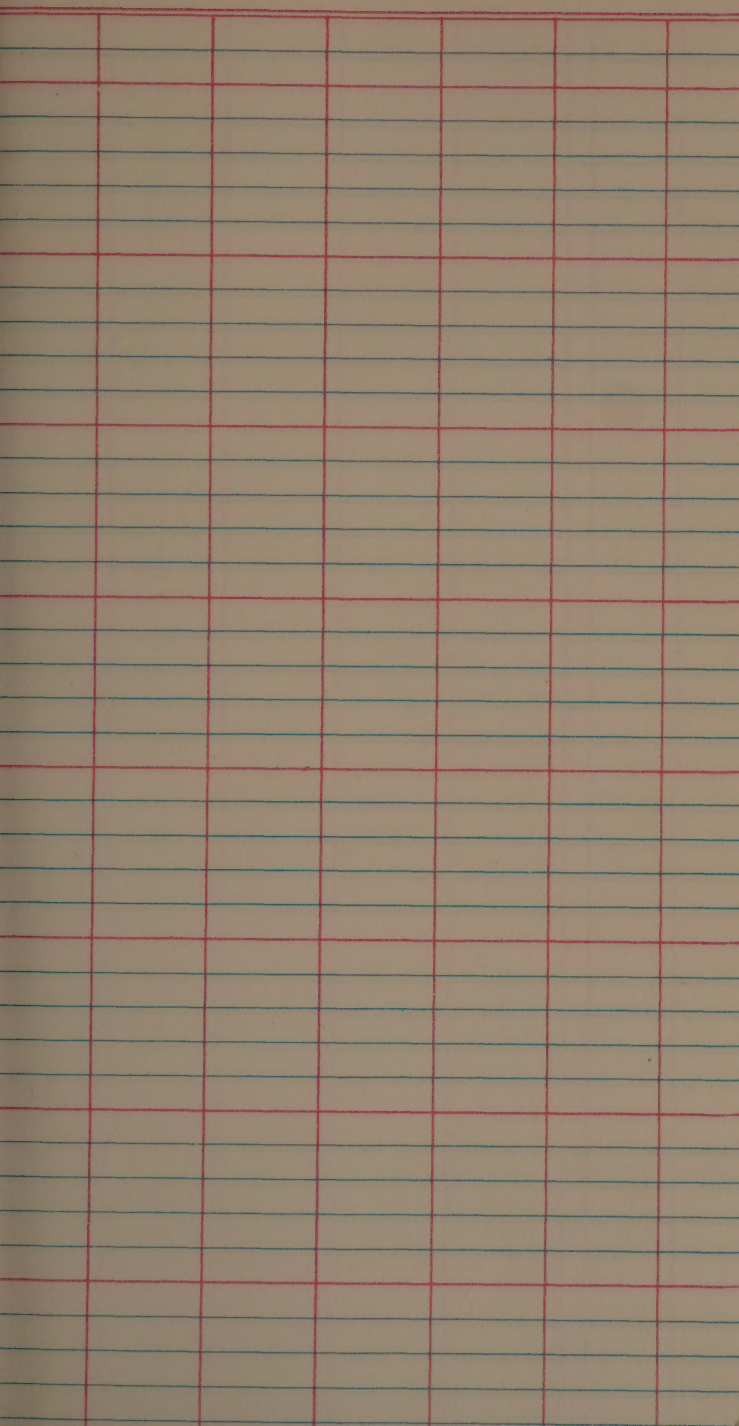
69.5/74.6

45.8

68.8/72.8

















UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

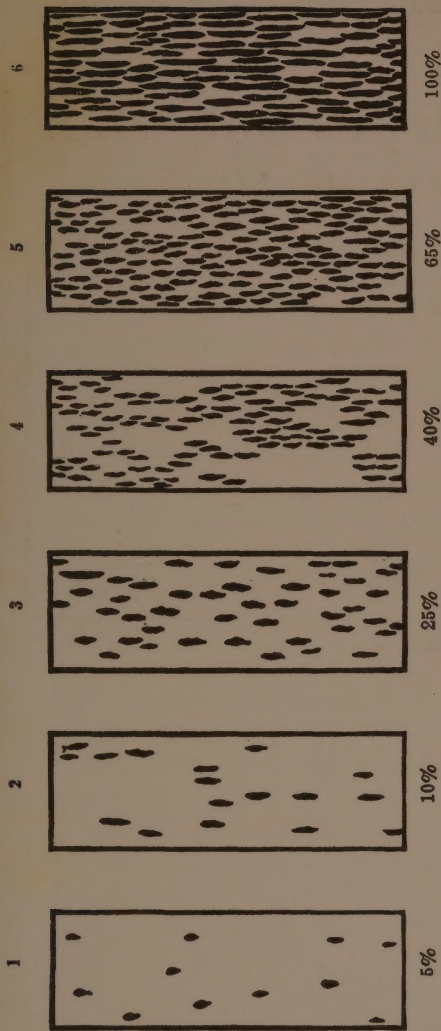


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust, as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

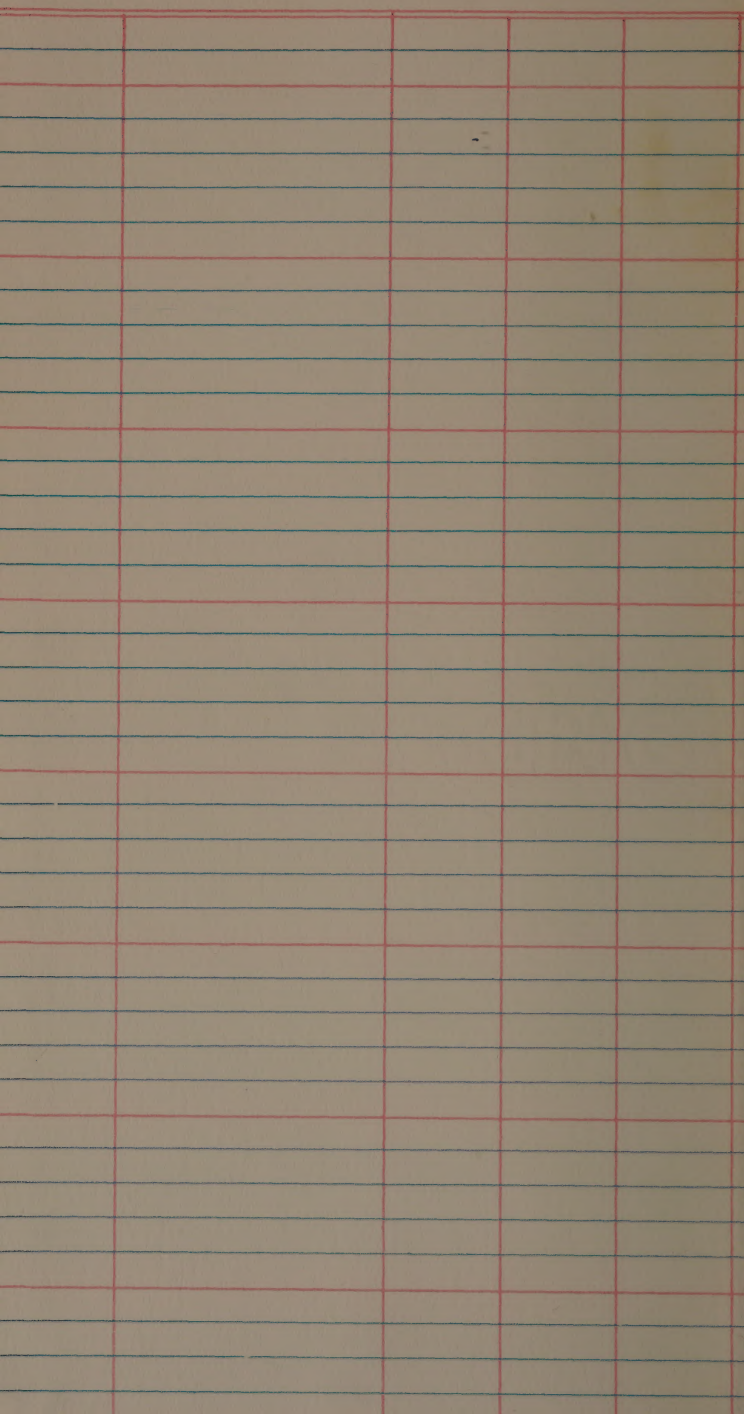
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

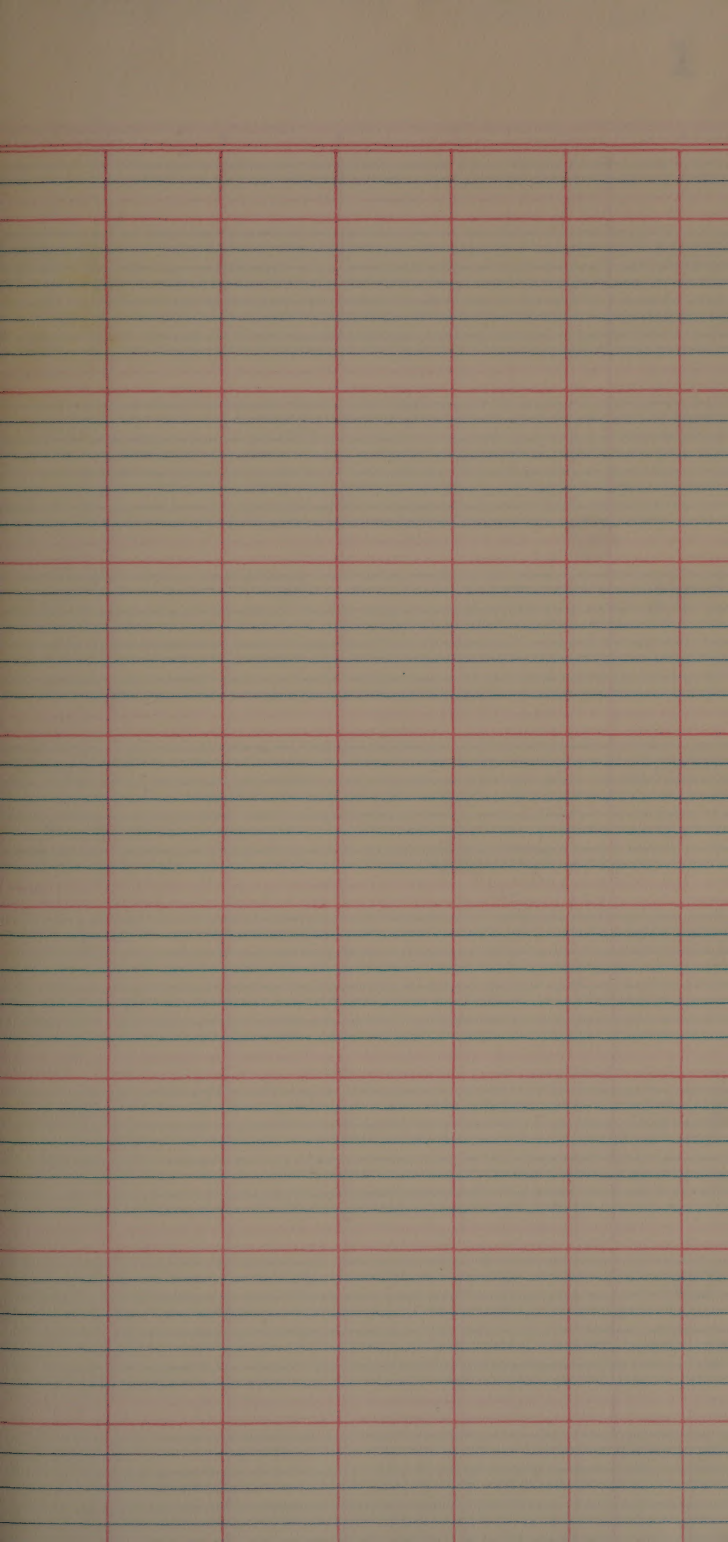
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



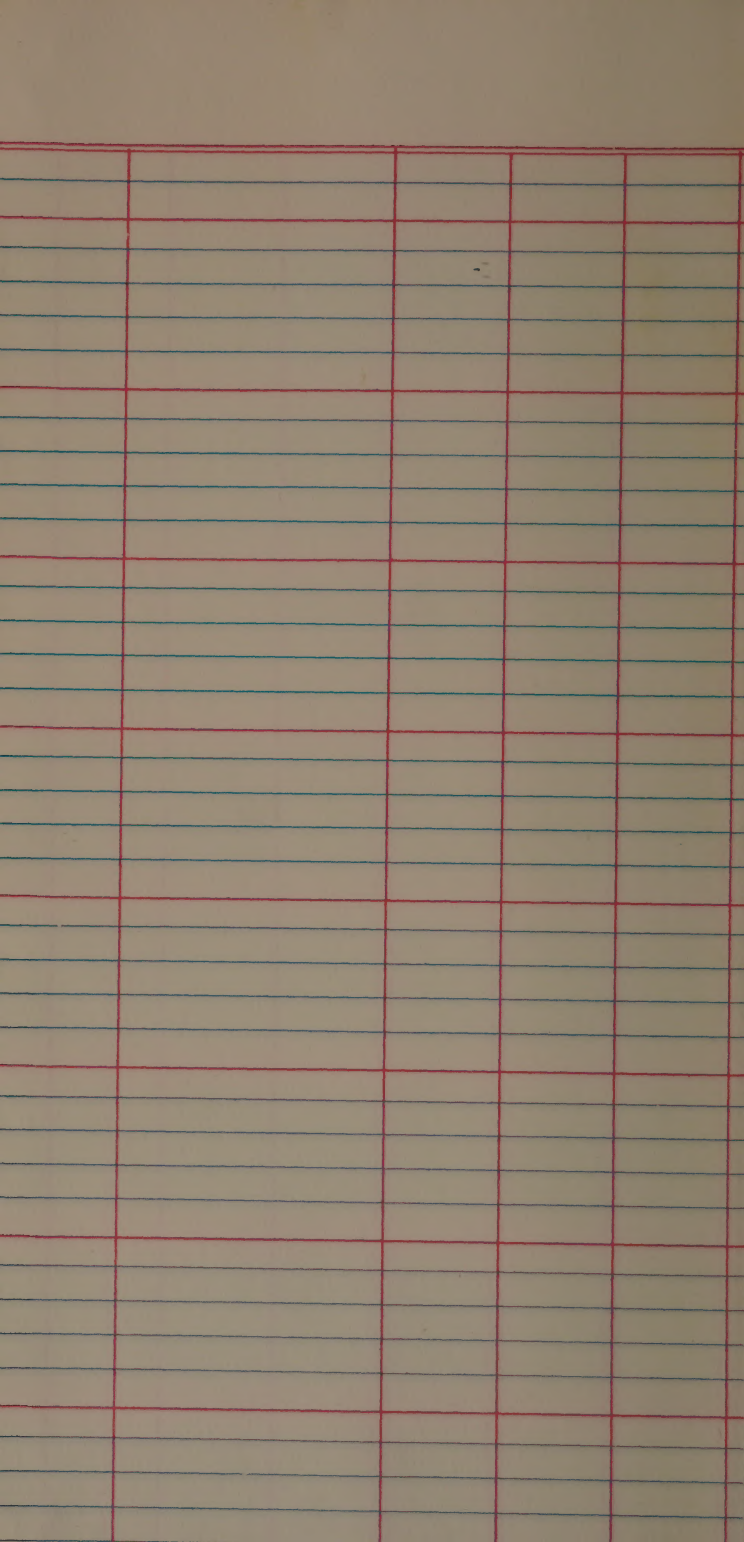


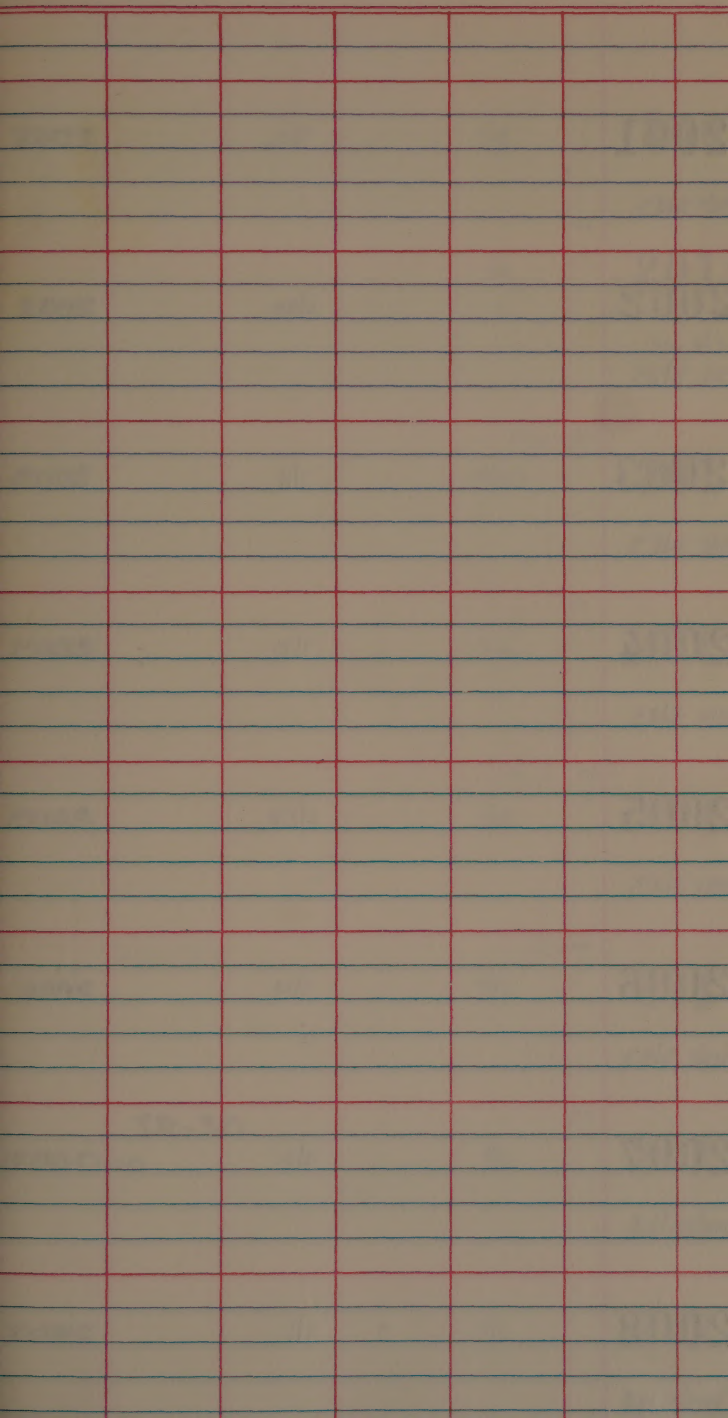












Seeded 4/3/84

S-4, 25 W

2001

7/16 -

2001

bK 8/23

2002

6/30

2002

bK 8/23

2003

7/11

2003

bK 8/23

2004

7/10

2004

bK 8/23

2005

6/28

2005

bK 8/23

2006

7/14

2006

bK 8/23

2007

7/2

2007

bK 8/23

2008

7/1

2008

bK 8/23

2009

7/8

2009

br 8/9

2010

7/9

2010

br 8/9

2011

7/10

2011

br 8/9

2012

7/11

2012

br 8/9

2013

7/10

2013

br 8/9

2014

7/4

2014

br 8/9

IR-30

8/2091-2100

7/2

2015

br 8/23

2016

7/2

2016

br 8/9



|         |      |      |      |
|---------|------|------|------|
|         |      |      |      |
| 2017    |      | 7/5  | 2017 |
| br 8/23 |      |      |      |
| 2018    |      | 6/28 | 2018 |
| br 8/9  |      |      |      |
| 2019    | LMNT | 7/3  | 55   |
|         |      |      |      |
| 2020    |      | 7/1  | 2020 |
|         |      |      |      |
| 2021    | BLMT | 7/1  | 56   |
|         |      |      |      |
| 2022    | LEAH | 7/10 | 35   |
|         |      |      |      |
| 2023    |      | 6/30 | 2023 |
| br 8/23 |      |      |      |
| 2024    |      | 7/11 | 2024 |
| br 8/9  |      |      |      |

|      |           |      |         |
|------|-----------|------|---------|
| 2025 |           | 6/28 | 2025    |
|      |           |      | bk 8/3  |
| 2026 |           | 6/25 | 2026    |
|      |           |      | bk 8/9  |
| 2027 |           | 6/23 | 2027    |
|      |           |      | bk 7/18 |
| 2028 |           | 6/27 | 2028    |
|      |           |      | bk 8/3  |
| 2029 |           | 6/15 | 2029    |
|      |           |      | bk 8/9  |
| 158  | NWRX      |      | 2030    |
|      | No plants |      |         |
| 2031 |           |      | 2031    |
|      | No plants |      |         |
| 2032 |           | 7/1  | 2032    |
|      |           |      | bk 8/23 |

2033

7/2

2033

bk 8/3

2034

6/29

2034

bk 8/3

2035

7/1

2035

bk 8/23

2036

6/28

2036

bk 8/3

2037

7/5

2037

bk 8/23

2038

8/1

2038

bk 9/14

2039

7/1

2039

bk 8/3

2040

7/9

2040

bk 8/23



|      |           |      |         |
|------|-----------|------|---------|
| 2041 |           | 6/17 | 2041    |
|      |           |      | bk 8/9  |
| 2042 | No plants | —    | 2042    |
|      |           |      |         |
| 2043 | No plants | —    | 2043    |
|      |           |      |         |
| 2044 |           | 7/5  | 2044    |
|      |           |      | bk 8/23 |
| 2045 |           | 6/29 | 2045    |
|      |           |      | bk 7/18 |
| 2046 |           | 7/11 | 2046    |
|      |           |      | bk 8/23 |
| 2047 |           | 7/10 | 2047    |
|      |           |      | bk 9/14 |
| 2048 |           | 7/12 | 2048    |
|      |           |      | bk 9/14 |



|         |                   |       |  |      |
|---------|-------------------|-------|--|------|
|         |                   |       |  |      |
| 2049    |                   | 7/8 - |  | 2049 |
| bk 8/23 |                   |       |  |      |
| 2050    |                   | 7/7   |  | 2050 |
| bk 8/23 |                   |       |  |      |
| 2051    |                   | 7/1   |  | 2051 |
| bk 8/9  |                   |       |  |      |
| 2052    | NATO              | 7/5   |  | 33   |
| bk 8/9  |                   |       |  |      |
| 2053    | MARS              | 7/7   |  | 33   |
| bk 8/9  |                   |       |  |      |
| 2054    | PCOS<br>No plants | -     |  | 34   |
| 2055    | No plants         | -     |  | 2055 |
| 2056    |                   | 7/1   |  | 2056 |
| bk 8/3  |                   |       |  |      |

|      |      |      |         |
|------|------|------|---------|
| 2057 | 7/11 | 2057 | bK 8/23 |
| 2058 | 7/4  | 2058 | bK 8/23 |
| 2059 | 7/5  | 2059 | bK 8/23 |
| 2060 | 7/4  | 2060 | bK 8/23 |
| 2061 | 7/6  | 2061 | bK 8/23 |
| 2062 | 7/2  | 2062 | bK 8/23 |
| 2063 | 7/5  | 2063 | bK 8/23 |
| 2064 | 7/10 | 2064 | bK 8/23 |

|         |           |      |      |
|---------|-----------|------|------|
| 2065    | BRAZ      | 7/5  | Fd   |
| bk 8/23 |           |      |      |
| 2066    | LA 110    | -    | 1806 |
| ✓       | No plants |      |      |
| 2067    |           | -    | 2067 |
| ✓       | No plants |      |      |
| 2068    |           | 7/21 | 2068 |
| bk 8/23 |           |      |      |
| 2069    |           | 6/23 | 2069 |
| bk 8/3  |           |      |      |
| 2070    |           | 7/3  | 2070 |
| bk 8/23 |           |      |      |
| 2071    |           | 7/6  | 2071 |
| bk 8/23 |           |      |      |
| 2072    |           | 6/28 | 2072 |
| bk 8/23 |           |      |      |

2073

6/26

2073

bx 8/5

2074

7/12

2074

bx 9/14

2075

6/24

2075

bx 7/18

2076

7/11

2076

bx 9/14

2077

7/5

2077

bx 9/14

2078

No plants

2078

2079

No plants

2079

2080

2080



|         |      |  |      |
|---------|------|--|------|
|         |      |  |      |
| 2081    | 8/11 |  | 2081 |
|         |      |  |      |
| 2082    |      |  | 2082 |
|         |      |  |      |
| 2083    | 7/10 |  | 2083 |
| bk 8/23 |      |  |      |
| 2084    | 7/22 |  | 2084 |
| 9/14    |      |  |      |
| 2085    | 6/24 |  | 2085 |
| bk 7/18 |      |  |      |
| 2086    | 7/4  |  | 2086 |
| bk 8/23 |      |  |      |
| 2087    | 6/10 |  | 2087 |
| bk 7/18 |      |  |      |
| 2088    | 6/18 |  | 2088 |
| bk 7/18 |      |  |      |

|      |                  |      |      |         |
|------|------------------|------|------|---------|
| 2089 |                  | 6/26 | 2089 | bk 7/12 |
| 2090 | No plants        | —    | 2090 |         |
| 2091 |                  | 7/16 | 2091 | bk 8/23 |
| 2092 |                  | 9/11 | 2092 |         |
| 2093 |                  | 7/23 | 2093 | bk 9/14 |
| 2094 |                  | 8/9  | 2094 | bk 9/14 |
| 2095 | Seriously lodged | 7/25 | 2095 | bk 9/14 |
| 2096 | variable         | 7/15 | 2096 | bk 8/23 |

|          |      |      |      |
|----------|------|------|------|
|          |      |      |      |
| 2097     |      | 7/16 | 2097 |
| b/c 9/14 |      |      |      |
| 2098     |      | 7/11 | 2098 |
| b/c 9/14 |      |      |      |
| 2099     |      | 7/23 | 2099 |
| b/c 9/14 |      |      |      |
| 2100     | STBN | 7/14 | 76   |
| b/c 8/23 |      |      |      |
| 2101     |      | 7/8  | 2101 |
| b/c 8/23 |      |      |      |
| 2102     |      | 6/28 | 2102 |
| b/c 8/9  |      |      |      |
| 2103     | LBNT | 7/1  | 36   |
| b/c 8/9  |      |      |      |
| 2104     |      | 6/27 | 2104 |
| b/c 7/18 |      |      |      |

2105

6/28

2105

bk 8/23

2106

7/5

2106

bk 8/9

2107

6/21

2107

bk 7/18

2108

6/10

2108

bk 7/18

2109

7/3

2109

bk 8/23

2110

7/4

2110

bk 8/9

2111

7/6

2111

bk 8/9

2112

6/29

2112

bk 8/23



|         |       |      |  |      |
|---------|-------|------|--|------|
|         |       |      |  |      |
| 2113    |       | 6/24 |  | 2113 |
| bk 7/18 |       |      |  |      |
| 2114    |       | 7/9  |  | 2114 |
| bk 8/3  |       |      |  |      |
| 2115    |       | 6/29 |  | 2115 |
| bk 8/3  |       |      |  |      |
| 2116    |       | 6/25 |  | 2116 |
| bk 8/3  |       |      |  |      |
| 2117    |       | 6/17 |  | 2117 |
| bk 8/3  |       |      |  |      |
| 2118    |       | 6/26 |  | 2118 |
| bk 8/3  |       |      |  |      |
| 2119    |       | 6/27 |  | 2119 |
| bk 8/3  |       |      |  |      |
| 2120    |       | 7/18 |  | 2120 |
| bk 8/27 | ERROR |      |  |      |

|      |      |      |         |
|------|------|------|---------|
| 2121 | 7/6  | 2121 | bk 8/23 |
| 2122 | 6/29 | 2122 | bk 8/23 |
| 2123 | 7/10 | 2123 | bk 8/23 |
| 2124 | 7/2  | 2124 | bk 8/3  |
| 2125 | 6/36 | 2125 | bk 8/3  |
| 2126 | 6/29 | 2126 | bk 8/3  |
| 2127 | 6/29 | 2127 | bk 8/3  |
| 2128 | 6/28 | 2128 | bk 8/9  |

|        |           |      |      |
|--------|-----------|------|------|
| 2129   |           | 6/23 | 2129 |
| bk 8/3 |           |      |      |
| 2130   |           | 7/3  | 2130 |
|        |           |      |      |
| 2131   | No plants | —    | 2131 |
|        |           |      |      |
| 2132   |           | 6/30 | 2132 |
| bk 8/3 |           |      |      |
| 2133   |           | 6/29 | 2133 |
| bk 8/3 |           |      |      |
| 2134   |           | 6/24 | 2134 |
| bk 8/3 |           |      |      |
| 2135   |           | 6/25 | 2135 |
| bk 8/3 |           |      |      |
| 2136   |           | 7/22 | 2136 |

2626

2026

6/28

2137

2026

6/28

2138

"

6/26

2139

"

6/3

6/28

2140

"

6/26

2141

"

No plants

2142

"

No plants

2143

2027

6/22

2144



2145

6/21

2027

2146

6/22

"

2147

6/22

"

2148

6/22

"

2149

7/4

"55

2150

7/4

~~55~~

2151

7/4

"

2152

7/4

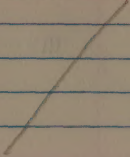
"

|      |     |           |      |      |
|------|-----|-----------|------|------|
| 55   |     |           | 7/4  | 2153 |
| "    |     | No plants | —    | 2154 |
| "    |     | No plants | —    | 2155 |
| 1103 |     |           | 6/28 | 2156 |
| "    |     |           | 6/28 | 2157 |
| "    | 8/3 |           | 6/28 | 2158 |
| "    | 6/5 |           | 6/29 | 2159 |
| "    |     |           | 6/30 | 2160 |

|      |                |      |               |
|------|----------------|------|---------------|
| 2161 | L-202          | 6/27 | Biggs<br>1103 |
| 2162 | L-202          | 6/29 | Biggs         |
| 2163 | "<br>bk<br>8/5 | 6/29 | "             |
| 2164 | "              | 6/29 | "             |
| 2165 | "              | 6/29 | "             |
| 2166 | "<br>No plants | -    | "             |
| 2167 | "<br>No plants | -    | 761           |
| 2168 | "<br>No plants | 7/12 | "             |

|      |        |      |      |
|------|--------|------|------|
| 761  |        | 7/12 | 2169 |
| "    | bx 8/9 | 7/12 | 2170 |
| "    |        | 7/12 | 2171 |
| "    |        | 7/12 | 2172 |
| 2024 |        | 7/14 | 2173 |
| "    |        | 7/14 | 2174 |
| "    | bx 8/9 | 7/15 | 2175 |
| "    |        | 7/16 | 2176 |



|      |                                                                                   |      |      |
|------|-----------------------------------------------------------------------------------|------|------|
| 2177 |  | 7/16 | 2024 |
| 2178 | No plants                                                                         | —    | "    |
| 2179 | No plants                                                                         | —    | 2040 |
| 2180 |                                                                                   | 7/17 | "    |
| 2181 |                                                                                   | 7/18 | "    |
| 2182 |                                                                                   | 7/19 | "    |
| 2183 |                                                                                   | 7/17 | "    |
| 2184 |                                                                                   | 7/16 | "    |

|      |  |           |  |      |      |
|------|--|-----------|--|------|------|
|      |  |           |  |      |      |
| 2091 |  |           |  | 7/5  | 2185 |
| "    |  |           |  | 7/6  | 2186 |
| "    |  |           |  | 7/6  | 2187 |
| "    |  |           |  | 7/7  | 2188 |
| "    |  |           |  | 7/7  | 2189 |
| "    |  |           |  | -    | 2190 |
|      |  | No plants |  |      |      |
| 16   |  |           |  | 6/27 | 2191 |
| "    |  |           |  | 6/26 | 2192 |

|      |                |  |    |
|------|----------------|--|----|
|      |                |  |    |
| 2193 | $\frac{6}{28}$ |  | 16 |
| 2194 | $\frac{6}{28}$ |  | "  |
| 2195 | $\frac{6}{28}$ |  | "  |
| 2196 | $\frac{6}{28}$ |  | "  |
| 2197 | $\frac{7}{6}$  |  | 54 |
| 2198 | $\frac{7}{7}$  |  | "  |
| 2199 | $\frac{7}{10}$ |  | "  |
| 2200 | $\frac{7}{2}$  |  | "  |

|    |  |  |     |      |
|----|--|--|-----|------|
| 54 |  |  | 7/8 | 2201 |
|----|--|--|-----|------|

|   |  |  |     |      |
|---|--|--|-----|------|
| " |  |  | 7/8 | 2202 |
|---|--|--|-----|------|

|    |  |  |      |      |
|----|--|--|------|------|
| 13 |  |  | 6/27 | 2203 |
|----|--|--|------|------|

|   |  |  |      |      |
|---|--|--|------|------|
| " |  |  | 6/27 | 2204 |
|---|--|--|------|------|

|   |    |     |      |      |
|---|----|-----|------|------|
| " | bx | 8/3 | 6/27 | 2205 |
|---|----|-----|------|------|

|   |  |  |      |      |
|---|--|--|------|------|
| " |  |  | 6/27 | 2206 |
|---|--|--|------|------|

|   |  |  |      |      |
|---|--|--|------|------|
| " |  |  | 6/26 | 2207 |
|---|--|--|------|------|

|   |  |  |      |      |
|---|--|--|------|------|
| " |  |  | 6/26 | 2208 |
|---|--|--|------|------|



|      |      |        |     |
|------|------|--------|-----|
|      |      |        |     |
| 2209 |      | 6/30 / | 158 |
| 2210 |      | 6/29   | "   |
| 2211 | 6/30 | 6/26   | "   |
| 2212 |      | 7/2    | "   |
| 2213 |      | 7/3    | "   |
| 2214 |      | 6/30   | "   |
| 2215 |      | 7/10   | 761 |
| 2216 |      | 7/11   | "   |

|     |                       |      |                 |
|-----|-----------------------|------|-----------------|
| 761 |                       | 7/13 | 2217            |
| "   |                       | 7/12 | 2218            |
| "   |                       | 7/12 | 2219            |
| "   |                       | 7/12 | 2220            |
| MAM | Evangeline<br>CI 1162 | 7/14 | 2221<br>bk 8/9  |
| MAM | Delitus<br>CI 1206    | 7/10 | 2222<br>bk 8/23 |
| MAM | Fortuna<br>CI 1344    | 7/30 | 2223<br>bk 9/14 |
| MAM | Caloro<br>CI 1561-1   | 7/14 | 2224            |

|      |                          |         |           |     |
|------|--------------------------|---------|-----------|-----|
|      |                          |         |           |     |
| 2225 | Caloro<br>CI 1561-1      | bk 9/14 | 7/9       | MAM |
| 2226 | "                        |         | 7/16      | "   |
| 2227 | Butte<br>CI 1564         |         | 7/22      | MAM |
|      | bk 8/23                  | WTs     |           |     |
| 2228 | Colusa<br>CI 1600        |         | 6/27      | MAM |
|      | bk 8/23                  |         |           |     |
| 2229 | Honduras                 |         | 7/14      | MAM |
| 2230 | Carolina Gold<br>CI 1645 |         | —         | MAM |
|      |                          |         | No plants |     |
| 2231 | Rexoro<br>CI 1779        |         | —         | MAM |
|      |                          |         | No plants |     |
| 2232 | "                        |         | —         | MAM |
|      |                          |         | No plants |     |

|     |                |  |      |         |
|-----|----------------|--|------|---------|
| MAM | Rexoro         |  | —    | 2233    |
|     | No plants      |  |      |         |
| MAM | Blue Rose      |  |      | 2234    |
|     | CI 1962        |  |      | bk 9/14 |
| MAM | Acadia         |  | 7/25 | 2235    |
|     | CI 1988        |  |      | bk 9/14 |
| MAM |                |  | 7/13 | 2236    |
|     | CI 2011-1      |  |      | bk 8/9  |
| MAM | Imp. Blue Rose |  |      | 2237    |
|     | CI 2128        |  |      |         |
| MAM | Nira           |  | 7/21 | 2238    |
|     | CI 2702        |  |      | bk 9/14 |
| MAM | Shoemed        |  | 7/23 | 2239    |
|     | CI 3625        |  |      | bk 8/23 |
| MAM | CI 5309        |  | 7/6  | 2240    |
|     |                |  |      | bk 8/23 |



|      |                                                         |      |     |
|------|---------------------------------------------------------|------|-----|
| 2241 | Supreme Blue Rose<br>CI 5793<br>bk 9/14 WT <sub>5</sub> | 8/9  | MAM |
| 2242 | Early Prolific<br>CI 5883<br>No plants                  | —    | MAM |
| 2243 | Zenith<br>CI 7787<br>No plants                          | —    | MAM |
| 2244 | "<br>bk 8/9                                             | 7/12 | "   |
| 2245 | "<br><del>                    </del>                    | 7/9  | "   |
| 2246 | Arkansas Fortuna<br>CI 8309<br>bk 8/23                  | 7/24 | MAM |
| 2247 | Arkrose<br>CI 8310<br>bk 9/14 WT <sub>5</sub>           | 7/29 | MAM |
| 2248 | Prelude<br>CI 8311<br>bk 8/23                           | 7/13 | MAM |

|     |              |           |      |      |         |
|-----|--------------|-----------|------|------|---------|
|     |              |           |      |      |         |
| MAM | Asahi        |           | 7/25 | 2249 |         |
|     | CI 8312      |           |      |      | bk 9/14 |
| MAM | Kamrose      |           | 8/1  | 2250 |         |
|     | CI 8314      |           |      |      | bk 9/14 |
| MAM | Blue Rose 41 |           |      | 2251 |         |
|     | CI 8317      |           |      |      |         |
| MAM | Magnolia     |           | 7/12 | 2252 |         |
|     | CI 8318      |           |      |      | bk 8/23 |
| MAM | Texas Patna  |           |      | 2253 |         |
|     | CI 8321      |           |      |      | bk 9/14 |
| MAM | Bluebonnet   |           | —    | 2254 |         |
|     | CI 8322      | No plants |      |      |         |
| MAM | Cody         |           | —    | 2255 |         |
|     | CI 8642      | No plants |      |      |         |
| MAM | Rexark       |           | 7/18 | 2256 |         |
|     | CI 8644      |           |      |      | bk 8/23 |

|      |                                 |      |     |
|------|---------------------------------|------|-----|
| 2257 | Sha Tiao Tsao<br>CI 8970-S      | 6/10 | MAM |
| 2258 | <del>bk 7/12</del>              | 6/10 | "   |
| 2259 | <del></del>                     | 6/10 | "   |
| 2260 | R-N<br>CI 8975<br>bk 8/23       | 7/26 | MAM |
| 2261 | Lacrosse<br>CI 8985<br>bk 8/23  | 7/14 | MAM |
| 2262 | Calrose<br>CI 8988<br>No plants | -    | MAM |
| 2263 | Sunbonnet<br>CI 8989<br>bk 8/23 | 7/25 | MAM |
| 2264 | TP 49<br>CI 8991<br>bk 9/14     | 8/22 | MAM |



|     |                  |      |      |  |         |  |
|-----|------------------|------|------|--|---------|--|
|     |                  |      |      |  |         |  |
| MAM | Imp. Bluebonnet  | 7/29 | 2265 |  |         |  |
|     | CI 8992          |      |      |  | bx 9/14 |  |
| MAM | CI 9002          |      | 2266 |  |         |  |
|     | Century 52       |      |      |  |         |  |
|     | No plants        |      |      |  |         |  |
| MAM | Toro             |      | 2267 |  |         |  |
|     | CI 9013          |      |      |  |         |  |
|     | No plants        |      |      |  |         |  |
| MAM | Mo-R 500         | 7/2  | 2268 |  |         |  |
|     | CI 9155          |      |      |  | bx 8/9  |  |
| MAM | Nira 43          | 8/6  | 2269 |  |         |  |
|     | CI 9199          |      |      |  | bx 9/14 |  |
| MAM | Vegold           | 6/29 | 2270 |  |         |  |
|     | CI 9386          |      |      |  | bx 8/9  |  |
| MAM | Original Century | 7/13 | 2271 |  |         |  |
|     | CI 9403          |      |      |  | bx 8/9  |  |
| MAM | North rose       | 7/3  | 2272 |  |         |  |
|     | CI 9407          |      |      |  | bx 8/9  |  |



|      |                                          |      |  |     |
|------|------------------------------------------|------|--|-----|
|      |                                          |      |  |     |
| 2273 | Gulfrose<br>CI 9416                      | 7/13 |  | MAM |
| 2274 | Nova<br>CI 9459<br>bx 8/23               | 7/14 |  | MAM |
| 2275 | Palmyra<br>CI 9463<br>bx 8/3             | 6/29 |  | MAM |
| 2276 | Nova 66<br>CI 9481<br>bx 8/23            | 7/10 |  | MAM |
| 2277 | H.O. Susceptible<br>CI 9514<br>No plants | -    |  | MAM |
| 2278 | Conway<br>CI 9739<br>No plants           | -    |  | MAM |
| 2279 | Golden Steve<br>B80/2713<br>No plants    | -    |  | MAM |
| 2280 | IR-8<br>bx 9/14                          | 8/7  |  | MAM |

|     |                          |      |      |         |
|-----|--------------------------|------|------|---------|
| MAM | CS-M3                    | 8/14 | 2281 | bx 9/14 |
| MAM | Irradiated BRAZ          | 7/3  | 2282 | bx 8/23 |
| MAM | NP-125<br>PI 201902      | 7/6  | 2283 |         |
| MAM | "<br>bk 8/9              | 7/6  | 2284 |         |
| MAM | "                        | 7/6  | 2285 |         |
| MAM | PI 4<br>PI 274214        | 7/8  | 2286 | X       |
| MAM | BJ-1<br>PI 279821        | 7/8  | 2287 | X       |
| MAM | Aichi Asahi<br>PI 280673 | 7/20 | 2288 |         |

|      |                     |        |  |     |
|------|---------------------|--------|--|-----|
|      |                     |        |  |     |
| 2289 | Chokoto             | 7/16   |  | MAM |
|      | PI 280674           |        |  |     |
|      | OK 8/23             |        |  |     |
| 2290 | Tadukan             | —      |  | MAM |
|      | PI 280681           |        |  |     |
|      | No plants           |        |  |     |
| 2291 | Tetep               | 7/20   |  | MAM |
|      | PI 280682           |        |  |     |
|      | Severely lodged ?   |        |  |     |
| 2292 | Usen                | 7/13   |  | MAM |
|      | PI 280683           |        |  |     |
| 2293 | "                   | 7/13   |  | "   |
|      | PIP 8/24<br>lodging |        |  |     |
| 2294 | "                   | 7/13   |  | "   |
|      | Severe              |        |  |     |
| 2295 | Peta                | ± 9/10 |  | MAM |
|      | PI 281804           |        |  |     |
| 2296 | Custugulele         | —      |  | MAM |
|      | PI 282939           |        |  |     |
|      | No plants           |        |  |     |



|            |             |      |      |
|------------|-------------|------|------|
| MAM        | Natola      |      | 2297 |
|            | PI 282943   |      |      |
|            | No plants   |      |      |
| MAM        | Hoyoku      |      | 2298 |
|            | PI 330465   |      |      |
|            | No plants   |      |      |
| MAM        | Carreon     |      | 2299 |
|            | PI 372279   |      |      |
|            | PI 408449   |      |      |
| 18992-1900 |             | 7/14 | 2300 |
|            | Basmati 370 |      |      |
| 19161-200  |             |      | 2301 |
|            | RUT803075-1 |      |      |
| 81/Genetic |             | 6/36 | 2302 |
|            | B7836A1-1   |      |      |
| 80/Genetic |             | 6/22 | 2303 |
|            | -2          |      |      |
| "          |             | 6/23 | 2304 |



|      |           |      |    |         |
|------|-----------|------|----|---------|
|      |           |      |    |         |
| 2305 | B7836A1-3 | 7/27 | 80 | Genetic |
| 2306 | -4        | 6/23 |    | "       |
| 2307 | -5        | 6/25 |    | "       |
| 2308 | -6        | 6/24 |    | "       |
| 2309 | -7        | 6/27 |    | "       |
| 2310 | -8        | 6/30 |    | "       |
| 2311 | -9        | 6/28 |    | "       |
| 2312 | -10       | 6/26 |    | "       |

|            |            |      |      |
|------------|------------|------|------|
| 80 Genetic | BT836A1-11 | 6/27 | 2313 |
|            | -12        | 6/23 | 2314 |
|            | -13        | 6/28 | 2315 |
|            | -14        | 6/23 | 2316 |
|            | -15        | 6/26 | 2317 |
|            | -16        | 6/29 | 2318 |
|            | -17        | 6/28 | 2319 |
|            | -18        | 6/24 | 2320 |

|      |            |      |           |  |
|------|------------|------|-----------|--|
|      |            |      |           |  |
| 2321 | BTS36A1-19 | 6/24 | 80/Geneti |  |
| 2322 | -20        | 6/27 | "         |  |
| 2323 | -21        | 6/29 | "         |  |
| 2324 | -23        | 6/30 | "         |  |
| 2325 | -24        | 6/29 | "         |  |
| 2326 | -25        | 6/28 | "         |  |
| 2327 | -26        | 6/25 | "         |  |
| 2328 | -27        | 6/26 | "         |  |

|           |            |           |      |
|-----------|------------|-----------|------|
| 0/Genetic | BT836A1-29 | 7/1       | 2329 |
| "         | -30        | No plants | 2330 |
| "         | -31        | No plants | 2331 |
| "         | -32        | 6/23      | 2332 |
| "         | -33        | 6/24      | 2333 |
| "         | -34        | 6/28      | 2334 |
| "         | -35        | 6/29      | 2335 |
| "         | -36        | 6/29      | 2336 |



|      |            |      |            |
|------|------------|------|------------|
| 2337 | B7836A1-37 | 7/5  | 80/Genetic |
| 2338 | -38        | 6/29 |            |
| 2339 | -39        | 6/29 |            |
| 2340 | -41        | 7/4  |            |
| 2341 | -43        | 7/11 |            |
| 2342 | -44        | —    |            |
| 2343 | -45        | —    |            |
| 2344 | -46        | 6/30 |            |

No plants

No plants

|             |      |      |
|-------------|------|------|
| B7836A1-47  |      |      |
| 80/Genetic  | 6/29 | 2345 |
| "           | -48  |      |
| "           | 6/24 | 2346 |
| "           | -49  |      |
| "           | 6/29 | 2347 |
| "           | -50  |      |
| "           | 6/30 | 2348 |
| "           | -51  |      |
| "           | 7/1  | 2349 |
| R07803075-2 |      |      |
| 1/Genetic   | 6/30 | 2350 |
| Basmati 370 |      |      |
| 161-200     |      | 2351 |
| B7836A1-53  |      |      |
| 1/Genetic   | 6/29 | 2352 |

|      |                  |      |    |        |
|------|------------------|------|----|--------|
|      |                  |      |    |        |
| 2353 | B7836A1-54       | 6/29 | 80 | Geneti |
| 2354 | -56<br>No plants | —    |    | "      |
| 2355 | -57<br>No plants | —    |    | "      |
| 2356 | -58              | 6/30 |    | "      |
| 2357 | -59              | 7/4  |    | "      |
| 2358 | -61              | 6/28 |    | "      |
| 2359 | -62              | 7/1  |    | "      |
| 2360 | -63              | 6/28 |    | "      |

|            |            |           |      |      |
|------------|------------|-----------|------|------|
| 80/Genetic | BT836A1-64 |           | 6/30 | 2361 |
| "          | -65        |           | 6/29 | 2362 |
| "          | -66        |           | 6/30 | 2363 |
| "          | -67        |           | 7/9  | 2364 |
| "          | -68        |           | 7/3  | 2365 |
| "          | -69        |           | -    | 2366 |
| "          | -70        | No plants | -    | 2367 |
| "          | -72        |           | 7/1  | 2368 |



|      |            |      |    |         |
|------|------------|------|----|---------|
|      |            |      |    |         |
| 2369 | B7836A1-73 | 7/2  | 80 | Genetic |
| 2370 | -74        | 7/7  |    |         |
| 2371 | -76        | 7/6  |    |         |
| 2372 | -77        | 7/8  |    |         |
| 2373 | -78        | 7/17 |    |         |
| 2374 | -80        | 6/29 |    |         |
| 2375 | -81        | 6/29 |    |         |
| 2376 | -83        | 6/30 |    |         |

80 Genetic

B7836A1-86

7/3

2377

-87

No plants

2378

-88

No plants

2379

-89

7/5

2380

-90

6/30

2381

-91

6/29

2382

-92

6/30

2383

-93

7/8

2384

2385

B7836A1-94

7/2-

80/Geneti

2386

-96

7/2

2387

-97

7/7

2388

-98

6/29

2389

-100

6/29

2390

-104

7/1

2391

-105

7/3

2392

-106

7/1

|          |             |      |      |
|----------|-------------|------|------|
| Genetic  | BT836A1-107 | 7/8  | 2393 |
|          | -108        | 7/3  | 2394 |
|          | -110        | 6/29 | 2395 |
|          | -111        | 7/3  | 2396 |
|          | -112        | 7/7  | 2397 |
|          | -113        | 7/3  | 2398 |
| 1161-200 | Basmati 370 |      | 2399 |
| Genetic  | RU1803075-3 | 7/4  | 2400 |



|      |             |      |           |
|------|-------------|------|-----------|
| 2401 | B7836A1-114 | 7/8  | 80/Gentic |
| 2402 | -115        | 6/30 |           |
| 2403 | -116        | 7/8  |           |
| 2404 | -117        | 7/11 |           |
| 2405 | -118        | 7/15 |           |
| 2406 | -119        | 6/29 |           |
| 2407 | -120        | 6/29 |           |
| 2408 | -121        | 6/29 |           |

|            |             |      |      |
|------------|-------------|------|------|
| of Genetic | B7836A1-124 | 7/5  | 2409 |
|            | -126        | 7/4  | 2410 |
|            | -127        | 7/10 | 2411 |
|            | -128        | 7/10 | 2412 |
|            | -129        | 7/6  | 2413 |
|            | -130        | 6/30 | 2414 |
|            | -131        | 7/6  | 2415 |
|            | -133        | 6/30 | 2416 |

2417

B7836A1-137

7/12

80/Genetic

2418

-138

7/12

2419

-139

6/26

2420

-140

7/7

2421

-141

7/4

2422

-142

7/4

2423

-145

7/8

2424

-146

7/11

|            |              |      |      |
|------------|--------------|------|------|
| 81/Genetic | RU 7803075-4 | 6/30 | 2425 |
| 19161-200  | Basmati 370  |      | 2426 |
| 80/Genetic | B7836 A1-147 | 7/19 | 2427 |
|            | -148         | 7/12 | 2428 |
|            | -149         | 7/16 | 2429 |
|            | -150         |      | 2430 |
|            | No plants    |      |      |
|            | -151         |      | 2431 |
|            | No plants    |      |      |
|            | -152         | 7/10 | 2432 |



BT836A1-154

2433

7/5

80/Gentic

2434

-155

6/30

2435

-156

7/4

2436

-157

6/30

2437

-159

6/29

2438

-160

7/15

2439

-161

7/19

2440

-162

7/10

|             |  |      |  |      |
|-------------|--|------|--|------|
| B7836A1-163 |  |      |  |      |
| 50/Genetic  |  | 7/8  |  | 2441 |
| -164        |  | —    |  | 2442 |
| No plants   |  |      |  |      |
| -165        |  | —    |  | 2443 |
| No plants   |  |      |  |      |
| -166        |  | 7/3  |  | 2444 |
| -167        |  | 7/6  |  | 2445 |
| -168        |  | 7/6  |  | 2446 |
| -169        |  | 7/14 |  | 2447 |
| -170        |  | 7/10 |  | 2448 |

|      |             |      |            |  |
|------|-------------|------|------------|--|
|      |             |      |            |  |
| 2449 | B7836A1-172 | 7/10 | 80/Genetic |  |
| 2450 | -173        | 7/15 |            |  |
| 2451 | -175        | 7/14 |            |  |
| 2452 | -176        | 7/16 |            |  |
| 2453 | -178        | 7/14 |            |  |
| 2454 | -179        | —    |            |  |
|      | No plants   |      |            |  |
| 2455 | -180        | —    |            |  |
|      | No plants   |      |            |  |
| 2456 | -181        | 7/16 |            |  |

|             |      |      |
|-------------|------|------|
| B7836A1-182 |      |      |
| Genetic     | 7/9  | 2457 |
| -183        | 7/13 | 2458 |
| -184        | 7/6  | 2459 |
| -185        | 7/8  | 2460 |
| -186        | 7/11 | 2461 |
| -187        | 7/12 | 2462 |
| -188        | 7/10 | 2463 |
| -189        | 7/6  | 2464 |



|      |             |      |            |  |
|------|-------------|------|------------|--|
|      |             |      |            |  |
| 2465 | B7836A1-190 | 7/22 | 80/Genetic |  |
| 2466 | -191        | —    |            |  |
|      | No plants   |      |            |  |
| 2467 | -192        | —    |            |  |
|      | No plants   |      |            |  |
| 2468 | -193        |      |            |  |
| 2469 | -194        | 7/17 |            |  |
| 2470 | -196        | 7/17 |            |  |
| 2471 | -197        | 7/14 |            |  |
| 2472 | -198        | 7/17 |            |  |

|             |      |      |      |
|-------------|------|------|------|
| B7836A1-199 |      |      |      |
| Genetic     |      | 7/10 | 2473 |
|             | -200 | 6/30 | 2474 |
|             | -201 | 7/9  | 2475 |
|             | -202 | 7/1  | 2476 |
|             | -203 | 7/24 | 2477 |
|             | -204 | —    | 2478 |
| No plants   |      |      |      |
|             | -205 | —    | 2479 |
| No plants   |      |      |      |
|             | -206 | 7/16 | 2480 |

|      |                           |      |       |
|------|---------------------------|------|-------|
| 2481 | VSTA<br>Non-infested<br>I | 6/27 | Cabin |
| 2482 | "                         | 6/24 | "     |
| 2483 | "<br>bx 7/27              | 6/27 | "     |
| 2484 | "                         | 6/26 | "     |
| 2485 | "                         | 6/24 | "     |
| 2486 | VSTA<br>Infested<br>I     | 6/24 | "     |
| 2487 | "<br>bx 7/27              | 6/23 | "     |
| 2488 | "                         | 6/25 | "     |

|         |                               |      |      |
|---------|-------------------------------|------|------|
| Cogburn | VSTA<br>Infested              | 6/27 | 2489 |
| "       | "                             | 6/27 | 2490 |
| "       | B715A1<br>Infested<br>I       | 6/19 | 2491 |
| "       | "                             | 6/19 | 2492 |
| "       | "                             | 6/19 | 2493 |
| "       | "                             | 6/19 | 2494 |
| "       | "                             | 6/18 | 2495 |
| "       | CI 12273<br>Non-infested<br>I | 6/22 | 2496 |



CI 12273

2497

Non-infested  
I

6/23

Cogburn

"

2498

6/23

"

bx 7/18

"

2499

6/23

"

"

2500

6/23

"

B775A1

2501

Non-infested  
I

6/19

"

"

2502

6/19

"

"

2503

bx 7/18

6/19

"

"

2504

6/18

"

|         |              |      |      |
|---------|--------------|------|------|
| Logburn | B775A1       | 6/17 | 2505 |
|         | Non-infested |      |      |
| "       | CI 12273     | 6/21 | 2506 |
|         | Infested     |      |      |
|         | I            |      |      |
| "       | "            |      |      |
| "       |              | 6/21 | 2507 |
|         |              |      |      |
| "       | "            | 6/21 | 2508 |
|         | bx 7/18      |      |      |
| "       | "            | 6/20 | 2509 |
|         |              |      |      |
| "       | "            | 6/20 | 2510 |
|         |              |      |      |
| "       | B775A1       | 6/19 | 2511 |
|         | Non-infested |      |      |
|         | II           |      |      |
| "       | "            |      |      |
| "       |              | 6/18 | 2512 |

|      |                          |      |         |
|------|--------------------------|------|---------|
| 2513 | B775A1<br>Non-infested   | 6/18 | Cogburn |
| 2514 | "<br>bk 1/18             | 6/18 | "       |
| 2515 | "                        | 6/19 | "       |
| 2516 | B775A1<br>Infested<br>II | 6/19 | "       |
| 2517 | "                        | 6/18 | "       |
| 2518 | " bk 1/18                | 6/20 | "       |
| 2519 | "                        | 6/19 | "       |
| 2520 | "                        | 6/19 | "       |

|         |          |         |      |      |
|---------|----------|---------|------|------|
| Cagburn | VSTA     |         | 6/22 | 2521 |
|         | Infested |         |      |      |
|         | II       |         |      |      |
| "       | "        |         | 6/21 | 2522 |
| "       | "        |         |      |      |
| "       | "        | bx 7/27 | 6/28 | 2523 |
| "       | "        |         |      |      |
| "       | "        |         | 6/28 | 2524 |
| "       | "        |         |      |      |
| "       | "        |         | 6/23 | 2525 |
| "       | CI 12273 |         |      |      |
| "       | Infested |         | 6/19 | 2526 |
| "       | II       |         |      |      |
| "       | "        |         | 6/19 | 2527 |
| "       | "        | bx 7/28 |      |      |
| "       | "        |         | 6/19 | 2528 |



|      |                      |      |         |
|------|----------------------|------|---------|
| 2529 | CI 12273<br>Infested | 6/21 | Cogburn |
|------|----------------------|------|---------|

|      |                |   |   |
|------|----------------|---|---|
| 2530 | "<br>No plants | - | " |
|------|----------------|---|---|

|      |                                      |   |   |
|------|--------------------------------------|---|---|
| 2531 | VSTA<br>Non-infested<br>II No plants | - | " |
|------|--------------------------------------|---|---|

|      |   |      |   |
|------|---|------|---|
| 2532 | " | 6/19 | " |
|------|---|------|---|

|      |           |      |   |
|------|-----------|------|---|
| 2533 | "<br>6/27 | 6/26 | " |
|------|-----------|------|---|

|      |   |      |   |
|------|---|------|---|
| 2534 | " | 6/26 | " |
|------|---|------|---|

|      |   |      |   |
|------|---|------|---|
| 2535 | " | 6/19 | " |
|------|---|------|---|

|      |                                |      |   |
|------|--------------------------------|------|---|
| 2536 | CI 12273<br>Non-infested<br>II | 6/23 | " |
|------|--------------------------------|------|---|

|          |                 |      |      |
|----------|-----------------|------|------|
| Coagburn | CI 12273        | 6/23 | 2537 |
| "        | Non-infested    |      |      |
| "        | "               | 6/23 | 2538 |
| "        | "               | 6/21 | 2539 |
| "        | "               | 6/21 | 2540 |
| "        | B775A1          | 6/19 | 2541 |
| "        | Infested<br>III |      |      |
| "        | "               |      | 2542 |
| "        | No plants       |      |      |
| "        | "               |      | 2543 |
| "        | No plants       |      |      |
| "        | "               | 6/19 | 2544 |

|      |                             |      |         |
|------|-----------------------------|------|---------|
| 2545 | B775A1<br>Infested          | 6/19 | Cogburn |
| 2546 | CI 12273<br>Infested<br>III | 6/18 | "       |
| 2547 | "                           | 6/18 | "       |
| 2548 | "                           | 6/19 | "       |
| 2549 | "                           | 6/19 | "       |
| 2550 | "                           | 6/19 | "       |
| 2551 | VSTA<br>Infested<br>III     | 6/27 | "       |
| 2552 | "                           | 6/26 | "       |

|         |              |           |  |      |      |
|---------|--------------|-----------|--|------|------|
| Logburn | VSTA         |           |  | 6/22 | 2553 |
|         | Infested     |           |  |      |      |
| "       | "            |           |  | —    | 2554 |
|         |              | No plants |  |      |      |
| "       | "            |           |  | —    | 2555 |
|         |              | No plants |  |      |      |
| "       | BT75A1       |           |  | 6/18 | 2556 |
|         | Non-infested |           |  |      |      |
|         | III          |           |  |      |      |
| "       | "            |           |  | 6/18 | 2557 |
| "       | "            |           |  | 6/18 | 2558 |
| "       | "            | bx 7/18   |  | 6/18 | 2559 |
| "       | "            |           |  | 6/17 | 2560 |
| "       | "            |           |  | 6/18 | 2560 |



|      |                                 |           |         |
|------|---------------------------------|-----------|---------|
| 2561 | CI 12273<br>Non-infested<br>III | 6/23      | Cogburn |
| 2562 | "                               | 6/23      | "       |
| 2563 | "                               | 6/23      | "       |
| 2564 | "                               | 6/23      | "       |
| 2565 | "                               | 6/23      | "       |
| 2566 | VSTA<br>Non-infested<br>III     | —         | "       |
| 2567 | "                               | No plants | "       |
| 2568 | "                               | No plants | "       |

|         |                    |      |      |
|---------|--------------------|------|------|
| Cogburn | VSTA               | 6/28 | 2569 |
| "       | Non-infested       |      |      |
| "       | "                  | 6/27 | 2570 |
| "       | B775A1             | 6/18 | 2571 |
| "       | Non-infested<br>IV |      |      |
| "       | "                  | 6/18 | 2572 |
| "       | "                  | 6/19 | 2573 |
| "       | "                  | 6/19 | 2574 |
| "       | "                  | 6/19 | 2575 |
| "       | VSTA               | 6/28 | 2576 |
| "       | Infested<br>IV     |      |      |

|      |                            |              |         |
|------|----------------------------|--------------|---------|
| 2577 | VSTA<br>Infested           | 6/28         | Cogburn |
| 2578 | "<br>No plants             | -<br>bx 7/27 | "       |
| 2579 | "<br>No plants             | -            | "       |
| 2580 | "                          | 6/28         | "       |
| 2581 | CI 12273<br>Infested<br>IV | 6/21         | "       |
| 2582 | "                          | bx 11/2 6/21 | "       |
| 2583 | "                          | 6/21         | "       |
| 2584 | "                          | 6/22         | "       |

|         |              |         |      |      |
|---------|--------------|---------|------|------|
| Cagburn | CI 12273     |         |      | 2585 |
|         | Infested     |         | 6/21 |      |
| "       | VSTA         |         |      | 2586 |
|         | Non-infested |         | 6/20 |      |
|         | IV           |         |      |      |
| "       | "            |         | 6/28 | 2587 |
|         | "            |         |      |      |
| "       | "            | bk 7/27 | 6/28 | 2588 |
|         | "            |         |      |      |
| "       | "            |         | 6/28 | 2589 |
|         | "            |         |      |      |
| "       | "            |         | —    | 2590 |
|         | No plants    |         |      |      |
| "       | CI 12273     |         |      | 2591 |
|         | Non-infested |         | 6/23 |      |
|         | IV           |         |      |      |
| "       | "            |         | 6/23 | 2592 |



2593

CI 12273

Non-infested

6/23

Cegburn

2594

"

7/10

6/23

6/23

"

2595

"

6/23

"

2596

B775A1

Infested  
IV

6/18

"

2597

"

6/13

"

2598

"

7/18

6/23

6/18

"

2599

"

6/18

"

2600

"

6/18

"

Seeded 4/3/84

S-4, 24 W

B8131A material contains many excellent drops;  
 but mostly late; ripening often poor; grain size  
 prob. often too large. Any rows bulked are uniform enough for  
 yield test

39

B8131A4-BK-3-1

PR 6004

7/4

2601

LEAH/8003050

HVP/23

-2

7/10

2602

HVP/23

-3

7/12

2603

HVP/23

-4

7/13

2604

HVP/23

-5

7/13

2605

B8131A4-BK-4-1

PR 6005

7/11

2606

-2

7/8

2607

-3

7/8

2608

2609

-4

7/13

2610

-5

7/12

PR 6007

2611

B8131A4-BK-6-1

7/11

PR 6007

2612

-2

7/2

2613

-3

7/8

2614

-4

7/2

2615

-5

7/3

2616

B8131A4-BK-8-1

7/13

PR 6009

8/9

-2

7/14

2617

fip

-3

7/14

2618

-4

7/14

2619

-5

7/12

2620

fip

B8131A4-BK-9-1

PR 6010

7/13

2621

-2

7/7

2622

-3

7/5

2623

-4

7/13

2624



2625

-5  
7/5

LEAH

2626

7/9

Cro.

bK 8/9

2627

B8131A4-BK-14-1

7/10

PR 6015

2628

-2  
7/9

2629

Disj. tel. UHM  
bK 8/10

-3  
7/10

2630

-4  
7/9

2631

-5  
7/9

2632

B8131A4-BK-15-1

7/13

PR 6016

|         |                 |      |               |
|---------|-----------------|------|---------------|
|         | -2              | 7/7  | 2633          |
|         | -3              | 7/6  | 2634          |
|         | -4              | 7/4  | 2635          |
|         | -5              | 7/8  | 2636<br>p/p ✓ |
| PR 6038 | B8131A4-BK-37-1 | 7/6  | 2637          |
|         | -2              | 7/11 | 2638          |
|         | -3              | 7/12 | 2639<br>p/p ✓ |
|         | -4              | 7/12 | 2640          |

2641

-5

7/10

2642

BLMT

7/6

b/c 8/10

2643

B8131A4-BK-25-2

7/12

PR 6026

2644

-3

7/13

2645

-4

7/13

2646

-5

7/12

2647

B8131A4-BK-27-1

7/2

PR 6028

✓  
PIP

2648

-2

7/4



-3

7/5

2649

rip ✓

-4

7/6

2650

Vp ✓

-5

7/3

2651

RV8003050

52

7/8

2652

bx 8/9

B8131A4-BK-30-1

PR6031

7/12

2653

-2

7/13

2654

-3

7/12

2655

-4

7/11

2656



2657

-5

7/10

2658

B8131A4-Bk-31-1

7/13

PR 6032

2659

-2

7/8

2660

-3

7/13

2661

-4

7/9

2662

-5

7/9

2663

B8131A4-Bk-35-1

7/10

PR 6036

2664

-2

7/7

-3

7/3

2665

-4

7/6

2666

P/P ✓

-5

7/8

2667

B8131A4-BK-36-1

PR6037

7/12

2668

-2

7/7

2669

-3

7/13

2670

-4

7/9

2671

-5

7/8

2672

P/P ✓

|      |                 |     |         |
|------|-----------------|-----|---------|
| 2673 | B8131A4-Bk-24-1 | 7/6 | PR 6025 |
|------|-----------------|-----|---------|

|      |  |           |  |
|------|--|-----------|--|
| 2674 |  | -2<br>7/2 |  |
|------|--|-----------|--|

|      |  |           |  |
|------|--|-----------|--|
| 2675 |  | -3<br>7/3 |  |
|------|--|-----------|--|

|      |  |           |  |
|------|--|-----------|--|
| 2676 |  | -4<br>7/4 |  |
|------|--|-----------|--|

|      |  |           |  |
|------|--|-----------|--|
| 2677 |  | -5<br>7/6 |  |
|------|--|-----------|--|

|      |                 |      |         |
|------|-----------------|------|---------|
| 2678 | B8131A4-Bk-25-1 | 7/13 | PR 6026 |
|------|-----------------|------|---------|

|      |                 |      |         |
|------|-----------------|------|---------|
| 2679 | B8131A4-Bk-38-1 | 7/14 | PR 6039 |
|------|-----------------|------|---------|

|      |  |            |  |
|------|--|------------|--|
| 2680 |  | -2<br>7/12 |  |
|------|--|------------|--|



-3

7/13

2681

-4

7/13

2682

P/P

bk 8/10

-5

7/12

2683

B8131A4-BK-40-1

PRG042

7/14

2684

-2

7/13

2685

-3

7/15

2686

-4

7/13

2687

P/P

-5

7/12

2688



B8131A4-Bk-43-1

2689

7/14

PR6045

-2

2690

7/11

-3

2691

7/12

-4

2692

7/13

✓  
P/P

-5

2693

7/13

B8131A4-Bk-44-1

2694

7/11

PR6046

✓  
P/P

bk 8/10

-2

2695

7/9

-3

2696

7/11

-4

7/10

2697

-5

7/11

2698

B8131A4-BK-46-1

PR 6048

7/12

2699

-2

7/12

2700

-3

7/13

2701

✓

-4

7/13

2702

-5

7/11

2703

B8131A4-BK-53-1

PR 6055

7/4

2704

2705

-2

7/7 -

2706

-3

7/5

rip

2707

-4

7/3

2708

-5

7/4

2709

B8131A4-BK-59-1

7/4

PR6061

2710

-2

7/8

2711

-3

7/5

✓  
pp

bk 8/10

2712

-4

7/7



-5

7/8

2713

B8131A4-Bk-64-1

PR 6066

7/2

2714

-2

7/11

2715

-3

7/5

2716

-4

7/10

2717

-5

7/1

2718

B8131A4-Bk-65-1

PR 6067

7/7

2719

-2

7/4

2720

Bk 8/10

t/p

✓



2721

-3

7/2

2722

-4

7/4

2723

-5

7/4

2724

BOND

7/2

Stg

bk 8/9

2725

B8131A4-Bk-66-1

7/4

PR 6068

V  
Pip

DT; w. VHM

bk 8/10

2726

-2

7/1

2727

-3

7/6

2728

-4

7/3

-5

7/2

2729

P/p

B8131A4-Bk-68-1

PR 6070

7/6

2730

-2

7/6

2731

-3

7/7

2732

P/p

b/c 8/10

-4

7/8

2733

-5

7/12

2734

B8131A4-Bk-12-1

PR 6074

7/3

2735

P/p

-2

7/2

2736

2737

-3

7/10

2738

-4

7/11

2739

-5

7/16

2740

B8131A4-BK-T4-1

6/27

PR 6076

2741

-2

7/8

2742

-3

7/16

✓  
Pip

2743

-4

7/10

Pip  
bk 8/10

N3 Umm

2744

-5

7/3

Pip



B8131A4-Bk-TS-1

PR 6077

7/13

2745

-2

7/16

2746

pip ✓

b/c 8/10

-3

7/13

2747

-4

7/12

2748

-5

7/14

2749

pip ✓

TBNT

Stg

6/29

2750

b/c 8/9

B8131A4-Bk-80-1

PR 6083

6/29

2751

-2

6/30

2752



2753

-3

6/30

2754

-4

6/30

2755

-5

6/29

✓  
pip

2756

B8131A4-BK-83-1

7/11

PR 6086

2757

-2

7/7

2758

-3

7/10

2759

-4

7/11

2760

-5

7/9

|         |                 |      |      |
|---------|-----------------|------|------|
| PR 6090 | B8131A4-Bk-87-1 | 7/10 | 2761 |
|         | -2              | 7/8  | 2762 |
|         | -3              | 7/12 | 2763 |
|         | -4              | 7/12 | 2764 |
|         | -5              | 7/9  | 2765 |
| PR 6091 | B8131A4-Bk-88-1 | 7/11 | 2766 |
|         | -2              | 7/11 | 2767 |
|         | -3              | 7/12 | 2768 |

2769

-4

7/12

2770

-5

7/9

2771

B8131A4-Bk-90-1

7/10

PR 6093

2772

-2

7/11

2773

-3

7/3

✓  
p1p

2774

-4

7/3

2775

-5

7/3

2776

LBLE ?

No 0.

7/12

Fd



B8131A4-BE-91-1

PR 6094

7/9

2777

-2

7/7

2778

-3

7/7

2779

7/9

-4

7/6

2780

7/9

-5

7/9

2781

B8131A4-BE-96-1

PR 6099

7/11

2782

-2

7/9

2783

-3

7/10

2784

bx 8/10



2785

-4  
7/9

2786

-5  
7/6

B8131A4-Bk-99-1

2787

7/8

PR6102

✓  
P/P  
bx 8/10

Dm; UHM;  
very good

2788

-2  
7/9

2789

-3  
7/4

2790

-4  
7/2

2791

-5  
7/3

✓  
Vp

B8131A4-Bk-101-1

2792

7/7

PR6104

-2

7/9

2793

-3

7/9

2794

-4

7/3

2795

-5

7/2

2796

p/p ✓

B8131A4-BK-103-1

PR 6106

7/2

2797

-2

7/2

2798

p/p ✓

-3

7/5

2799

-4

7/5

2800

2801

-5

7/6 -

2802

B8131A4-Bk-105-1

7/11

PR 6108

2803

-2

7/12

2804

-3

7/11

2805

-4

7/12

2806

-5

7/6

2807

B8131A4-Bk-106-1

7/2

PR 6109

2808

-2

7/6



-3

7/2

2809

-4

7/4

2810

pip

-5

7/1

2811

B8131A4-BK-108-1

PR 6111

7/10

2812

-2

7/9

2813

-3

7/11

2814

-4

7/11

2815

-5

7/9

2816



|       |                  |            |  |         |
|-------|------------------|------------|--|---------|
|       |                  |            |  |         |
| 2817  | B8131A4-Bk-III-1 | 7/3        |  | PR 6114 |
| 2818  |                  | -2<br>7/3  |  |         |
| 2819  |                  | -3<br>7/3  |  |         |
| ✓ PIP |                  |            |  |         |
| 2820  |                  | -4<br>7/3  |  |         |
| 2821  |                  | -5<br>7/3  |  |         |
| ✓ PIP |                  |            |  |         |
| 2822  | CB 801           | 7/17       |  | 1235    |
| 2823  | B8131A4-Bk-III-1 | 7/6        |  | PR 6118 |
| 2824  |                  | -2<br>7/10 |  |         |

-3

7/7

2825

-4

7/10

2826

-5

7/4

2827

✓  
pip

B8131A4-BK-115-1

PR 6122

7/10

2828

-2

7/5

2829

-3

7/4

2830

✓  
pip

-4

7/9

2831

-5

7/6

2832

2833

B8131A4-Bk-119-1

7/10 -

PR 6123

2834

-2

7/9

2835

-3

7/11

2836

-4

7/10

2837

B8131A4-BK-141-1

7/3

PR 6145

✓ Pp

BK 8/10

2838

ELBL

6/19

2029

2839

B8131A4-BK-143-1

7/9

PR 6147

2840

-2

7/15



R6147

-3

7/9

2841

-4

7/10

2842

✓  
tip

B8131A4-BK-121-1

R6125

7/2

2843

-2

7/2

2844

-3

6/29

2845

-4

6/30

2846

✓  
tip

-5

7/4

2847

B8131A4-BK-125-1

R6129

7/4

2848



2849

-2

7/1

2850

-3

6/30

2851

-4

7/1

2852

-5

7/4

2853

LMNT

7/6

Fd

2854

B8131A4-Bk-132-1

7/9

PR6136

2855

-2

7/9

2856

-3

7/5

-4

7/19

2857

-5

7/10

2858

B8131A4-Bx-134-1

R6138

7/13

2859

✓  
7/19

-2

7/13

2860

-3

7/10

2861

-4

7/11

2862

-5

7/10

2863

B8131A4-Bx-136-1

R6140

7/13

2864

2865

-2

7/2

2866

-3

7/4

2867

-4

7/3

2868

-5

7/1

2869

B8131A4-BK-141-2

7/4

PR6145

2870

-3

7/4

2871

-4

7/4

2872

-5

7/5



|         |                        |      |                  |
|---------|------------------------|------|------------------|
| PR 6123 | B8131A4 - Bk - 119 - 5 | 7/10 | 2873             |
| PR 6124 | B8131A4 - Bk - 120 - 1 | 6/30 | 2874             |
|         | -2                     | 7/1  | 2875<br>✓<br>PIP |
|         | -3                     | 7/3  | 2876             |
|         | -4                     | 7/2  | 2877<br>✓<br>PIP |
|         | -5                     | 7/3  | 2878             |
| PR 6147 | B8131A4 - Bk - 143 - 5 | 7/6  | 2879             |
| PR 6154 | B8131A4 - Bk - 150 - 1 | 7/2  | 2880             |



2881

-2

7/11 -

2882

-3

7/13

✓  
Dm;  
better separation

2883

-4

7/15

2884

-5

7/13

2885

B8131A4-BK-151-1

7/13

PR6155

2886

-2

7/18

2887

-3

7/14

2888

-4

7/14

✓  
Ple

-5

7/10

2889

B8131A4-BK-153-1

PR 6157

7/6

2890

-2

7/6

2891

feller sheet

11p

bk 8110

-3

7/6

2892

-4

7/6

2893

-5

7/6

2894

B8131A4-BK-155-1

PR 6159

7/10

2895

-2

7/10

2896

2897

-3

7/9

2898

-4

7/11

2899

-5

7/9

2900

B8131A4-BK-156-1

7/8

PR6161

2901

-2

7/9

2902

-3

7/10

2903

-4

7/8

2904

-5

7/8

good draft  
Shuttle Pul. Pool  
bk 8/10



PR 6162

B8131A4-Bk-157-1

7/13

2905

-2

7/13

2906

-3

7/12

2907

-4

7/13

2908

-5

7/14

2909

✓  
pip

PR 6165

B8131A4-Bk-160-1

7/13

2910

✓

pip

-2

7/9

2911

-3

7/10

2912



2913

-4

7/9

2914

-5

7/9

2915

B8131A4-BK-163-1

7/9

PR6168

2916

-2

7/9

2917

-3

7/8

2918

-4

7/9

2919

-5

7/8

2920

B8131A4-BK-164-1

7/14

PR6169

-2

7/14

2921

-3

7/14

2922

-4

7/14

2923

-5

7/14

2924

Toro-2

Cro

7/9

2925

bk 8/9

B8131A4-BK-16T-1

PR 6172

7/11

2926

-2

7/11

2927

-3

7/10

2928

2929

-4

7/12

2930

-5

7/11

2931

B8131A4-Bk-171-1

7/8

PR 6176

2932

-2

7/10

2933

-3

7/12

2934

-4

7/11

2935

-5

7/9

2936

B8131A4-Bk-171-1

7/8

PR 6182



-2

7/7

2937

-3

7/10

2938

↑ taller shell; good  
 ← bk 8/10

-4

7/7

2939

pp ✓

bk 8/10

-5

7/7

2940

38131A4-Bk-179-1

PR 6184

7/10

2941

-2

7/10

2942

pp ✓

bk 8/10

-3

7/11

2943

-4

7/12

2944



2945

-5

7/10

2946

B8131A4-BK-181-1

7/2

PR 6186

2947

-2

7/11

2948

-3

7/5

2949

-4

7/3

2950

-5

7/3

2951

SKBT

6/29

Fd

2952

B8131A4-BK-184-1

7/4

PR 6189

-2

7/4

2953

-3

7/10

2954

-4

7/10

2955

-5

7/11

2956

B8131A4-Bx-185-1

PR 6190

7/11

2957

-2

7/12

2958

-3

7/13

2959

-4

7/12

2960

2961

-5

7/3

2962

B8131A4-BK-187-1

7/5

PR6192

2963

-2

7/8

2964

-3

7/3

2965

-4

7/3

2966

-5

7/5

2967

B8131A4-BK-189-1

7/13

PR6194

2968

-2

7/4

-3

7/13

2969

-4

7/10

2970

-5

7/14

2971

✓  
PR

LBNT

Fd

7/13

2972

b5 8/9

B8131A4-Bk-190-1

PR 6195

7/13

2973

-2

7/14

2974

-3

7/13

2975

-4

7/13

2976

✓  
PR



2977

-5

7/9 -

2978

B8131A4-Bk-192-1

7/10

PR6197

2979

-2

7/11

2980

-3

7/11

2981

-4

7/17

2982

-5

7/16

2983

B8131A4-Bk-193-1

7/9

PR6198

2984

-2

7/12

-3

7/11

2985

✓  
P/P

-4

7/11

2986

-5

7/11

2987

B8131A4-BK-194-1

PR 6199

7/4

2988

-2

7/3

2989

✓  
P/P

-3

7/6

2990

-4

7/7

2991

-5

7/6

2992

2993

B8131A4-BK2-1

7/9 -

20052-

2994

-2

7/5

2995

-3

7/4

✓  
P/P

2996

-4

7/3

✓  
P/P

2997

-5

7/3

2998

-6

7/3

2999

-7

7/1

3000

-8

7/10

|       |                            |      |               |
|-------|----------------------------|------|---------------|
| 0052- | B8131A4-B <sub>K2</sub> -9 | 7/5  | 3001<br>PIP ✓ |
|       | -10                        | 7/8  | 3002          |
|       | -11                        | 7/7  | 3003          |
|       | -12                        | 7/4  | 3004          |
|       | -13                        | 7/9  | 3005          |
|       | -14                        | 7/2  | 3006<br>PIP ✓ |
|       | -15                        | 7/5  | 3007<br>PIP ✓ |
|       | -16                        | 7/11 | 3008          |



B8131A4-B1c<sub>2</sub>-17

7/10

20052-

3009

-18

7/7

✓ PIP  
3010

-19

7/4

✓ PIP  
3011

-20

7/13

3012

-21

7/7

3013

-22

7/8

✓ PIP  
3014

-23

7/6

✓ PIP  
3015

-24

7/6

3016

|      |                             |      |      |          |
|------|-----------------------------|------|------|----------|
| 052- | B8131A4-B <sub>K2</sub> -25 | 7/7  | 3017 | ✓<br>p/p |
|      | -26                         | 7/6  | 3018 | ✓<br>p/p |
|      | -27                         | 7/3  | 3019 |          |
|      | -28                         | 7/6  | 3020 |          |
|      | -29                         | 7/6  | 3021 | ✓<br>p/p |
|      | -30                         | 7/14 | 3022 |          |
|      | -31                         | 7/6  | 3023 |          |
|      | -32                         | 7/3  | 3024 | ✓<br>p/p |

|      |         |       |      |
|------|---------|-------|------|
| 3025 | CI 9902 | 7/14- | 2040 |
|------|---------|-------|------|

|      |                             |      |        |
|------|-----------------------------|------|--------|
| 3026 | B8131A4-BK <sub>2</sub> -33 | 7/10 | 20052- |
|------|-----------------------------|------|--------|

|      |     |     |  |
|------|-----|-----|--|
| 3027 | -34 | 7/6 |  |
|------|-----|-----|--|

✓ PIP

|      |     |     |  |
|------|-----|-----|--|
| 3028 | -35 | 7/6 |  |
|------|-----|-----|--|

|      |     |     |  |
|------|-----|-----|--|
| 3029 | -36 | 7/5 |  |
|------|-----|-----|--|

|      |     |     |  |
|------|-----|-----|--|
| 3030 | -37 | 7/6 |  |
|------|-----|-----|--|

✓ PIP

|      |     |     |  |
|------|-----|-----|--|
| 3031 | -38 | 7/3 |  |
|------|-----|-----|--|

✓ PIP

|      |     |     |  |
|------|-----|-----|--|
| 3032 | -39 | 7/3 |  |
|------|-----|-----|--|

|       |                             |     |      |          |
|-------|-----------------------------|-----|------|----------|
| 0052- | B8131A4-Bk <sub>2</sub> -40 | 7/1 | 3033 | ✓<br>P/P |
|       | -41                         | 7/9 | 3034 |          |
|       | -42                         | 7/5 | 3035 |          |
|       | -43                         | 7/3 | 3036 | ✓<br>P/P |
|       | -44                         | 7/3 | 3037 | ✓<br>P/P |
|       | -45                         | 7/3 | 3038 | ✓<br>P/P |
|       | -46                         | 7/7 | 3039 |          |
|       | -47                         | 7/3 | 3040 | ✓<br>P/P |



3041

B8131A4-Bk<sub>2</sub>-48

7/3 -

3042

-49

7/5

3043

-50

7/3

3044

-51

7/12

3045

-52

7/1

3046

-53

7/8

3047

-54

7/9

3048

-55

7/3

B8131A4-B<sub>k2</sub>-56

7/10

3049

RU830 3046

46

7/7

3050

bx 89

B8131A4-B<sub>k2</sub>-57

7/2

3051

-58

7/6

3052

-59

7/4

3053

✓  
1/8

-60

7/4

3054

✓  
1/8

-61

7/3

3055

-62

7/8

3056

B8131A4-Bx<sub>2</sub>-63

3057

7/5

✓  
PIP

-64

3058

7/7

✓  
PIP

-65

3059

7/11

-66

3060

7/7

✓  
PIP

-67

3061

7/10

-68

3062

7/13

-69

3063

7/14

-70

3064

7/11

B8131A4-Bk<sub>2</sub>-71

7/8

3065

pip ✓

-12

7/6

3066

-13

7/4

3067

-14

7/7

3068

-15

6/30

3069

pip ✓

my short sub; 0.4mm

-16

7/7

3070

-17

7/2

3071

-18

7/3

3072

pip ✓



3073

B8131A4-Bk<sub>2</sub>-79

7/13

3074

-80

7/13

3075

NWRK

7/12

Fd

bK 8/9

3076

B8131A4-Bk<sub>2</sub>-81

7/12

3077

-82

7/10

3078

-83

7/12

3079

-84

7/10

3080

-85

7/5

B8131A4-B<sub>K2</sub>-86

713

3081

-87

714

3082

-88

718

3083

-89

714

3084

p/p ✓

-90

719

3085

-91

716

3086

-92

713

3087

-93

717

3088

p/p ✓

B8131A4-Bk<sub>2</sub>-94

3089

7/2

✓ P/P

3090

-95

6/30

✓ P/P

3091

-96

7/2

3092

-97

7/7

3093

-98

7/5

3094

-99

7/2

✓ P/P

3095

-100

6/30

✓ P/P

3096

-101

7/2

✓ P/P

B8131A4-Bk<sub>2</sub>-102

7/8

3097

-103

7/9

3098

-104

7/11

3099

P/10 ✓

-105

7/11

3100

-106

7/5

3101

-107

7/9

3102

-108

7/4

3103

P/10 ✓

-109

7/7

3104

P/10 ✓



B8131A4-BK<sub>2</sub>-110

3105

6/25

✓ r/p

3106

-111

7/10

3107

-112

7/2

3108

-113

7/5

3109

-114

7/6

3110

-115

7/7

3111

-116

7/6

3112

-117

7/10

B8131A4-BK<sub>2</sub>-118

7/11

31113

-119

7/14

31114

-120

7/16

31115

PIP<sup>✓</sup>

-121

7/15

31116

-122

7/16

31117

PIP<sup>✓</sup>

-123

7/17

31118

-124

7/12

31119

-125

7/14

3120

3121

B8131A4-BK<sub>2</sub>-126

7/8

3122

-127

7/3

3123

-128

7/7

✓ P/P

3124

-129

7/6

3125

NWBT

7/10

Stg

3126

B8131A4-BK<sub>2</sub>-130

7/5

✓ P/P

3127

-131

7/10

3128

-132

7/5

✓ P/P

B8131A4-DK<sub>2</sub>-133

7/10

3129

-134

7/7

3130

-135

7/3

3131

-136

7/4

3132

p/p ✓

-137

7/4

3133

p/p ✓

-138

6/28

3134

p/p ✓

-139

7/10

3135

-140

7/5

3136



3137

B8131A4-Bk<sub>2</sub>-141

7/6-

✓  
P/R

3138

-142

7/10

3139

-143

7/7

3140

-144

7/6

3141

-145

7/7

3142

-146

7/7

3143

-147

7/9

3144

-148

7/5

✓  
P/R

B8131A4-Bk<sub>2</sub>-149

7/3

3145

p/p ✓

-150

7/2

3146

p/p ✓

-151

7/1

3147

-152

7/5

3148

p/p ✓

-153

7/8

3149

STBN

76

7/7

3150

B8131A4-Bk<sub>2</sub>-154

7/2

3151

-155

7/9

3152

3153

B8131A4-Bk2-156

7/3

3154

-157

7/4

3155

-158

7/5

3156

-159

7/7

3157

-160

7/10

3158

-161

7/7

3159

-162

7/12

3160

-163

7/6



B8131A4-Bk<sub>2</sub>-164

7/2

3161

pp

-165

7/3

3162

-166

7/9

3163

-167

7/1

3164

pp ✓

-168

7/10

3165

-169

7/3

3166

-170

6/30

3167

hairy!

-171

7/10

3168



3169

B8131A4-Bk<sub>2</sub>-172

7/15-

3170

-173

7/5

✓  
P/P

3171

-174

7/11

3172

-175

7/6

3173

-176

7/12

3174

-177

7/4

✓  
P/P

3175

DLA

7/8

8021

bK 8/9

3176

B8131A4-Bk<sub>2</sub>-178

7/8

B8131A4-Bk<sub>2</sub>-179

7/7

3177

-180

6/30

3178

-181

7/5

3179

-182

7/5

3180

P/p ✓

-183

7/12

3181

-184

7/6

3182

P/p ✓

-185

7/5

3183

-186

7/4

3184

P/p ✓

3185

B8131A4-Bk2-187

7/6

3186

-188

7/4

3187

-189

7/11

3188

-190

7/10

3189

-191

7/12

3190

-192

7/6

3191

-193

7/9

3192

-194

7/3

✓  
P/P

B8131A4-Bk<sub>2</sub>-195

HARVARD

7/3

3193

-196

7/2

3194

✓  
PIP

-197

7/3

3195

-198

7/3

3196

-199

7/5

3197

-200

7/3

3198

-201

7/9

3199

-202

7/8

3200

✓  
PIP



Seeded 4/5/84

S-4, 23 W

3201

B8131A4 - Br<sub>2</sub> - 203

7/10-

3202

-204

7/11

3203

-205

7/13

3204

-206

7/15

3205

-207

7/13

3206

-208

7/8

3207

-209

7/12

3208

-210

7/14

B8131A4-BK<sub>2</sub>-211

7/9

3209 ✓

-212

7/5

3210

-213

7/7

3211

-214

7/10

3212 ✓

-215

7/13

3213

-216

7/8

3214

-217

7/7

3215

-218

7/2

3216 ✓

P/e

B8131A4-Bk2-219

3217

7/7-

3218

-220

7/11

✓ Pip

3219

-221

7/9

✓ Pip

3220

-222

7/4

3221

-223

7/12

3222

-224

7/3

3223

-225

7/4

3224

-226

7/8

LMNT

Fd

7/10

3225

B8131A4-BK<sub>2</sub>-227

7/6

3226

-228

7/2

3227

P/p

-229

7/10

3228

-230

7/6

3229

-231

7/8

3230

P/p

-232

7/12

3231

P/p

-233

7/2

3232



3233

B8131A4-Bk<sub>2</sub>-234

7/11

3234

-235

7/3

3235

-236

7/3

3236

-237

7/11

3237

-238

7/11

3238

-239

7/8

3239

-240

7/11

3240

-241

7/11

✓ ele

B8131A4 - Bk<sub>2</sub> - 242

7/3

3241

-243

7/11

3242

-244

7/7

3243

-245

6/29

3244

-246

7/6

3245

-247

7/3

3246

✓  
P/P

-248

7/4

3247

-249

7/8

3248

3249

B8131A4-Bk<sub>2</sub>-250

7/11

3250

BBLE

7/13

1103

3251

B8131A4-Bk<sub>2</sub>-251

7/8

3252

-252

7/5

3253

-253

7/4

3254

-254

7/7

3255

-255

7/11

3256

-256

7/5

B8131A4-BK2-257

7/7

3257

-258

7/8

3258

-259

7/3

3259

-260

7/5

3260

-261

7/8

3261

-262

7/7

3262

-263

7/7

3263

-264

7/7

3264



3265

B8131A4 - Bk<sub>2</sub> - 265

7/10-

3266

-266

7/7

3267

-267

7/4

3268

-268

7/3

3269

-269

7/2

3270

-270

7/7

3271

-271

7/10

3272

-272

7/2

B8131A4-B<sub>15</sub><sub>2</sub>-273

7/4

3273

-274

7/4

3274

CP 231

border

7/13

3275

B8131A4-B<sub>15</sub><sub>2</sub>-275

7/10

3276

-276

7/4

3277

P<sub>1p</sub> ✓

-277

7/9

3278

-278

7/6

3279

P<sub>1p</sub> ✓

-279

7/6

3280

3281

B8131A4-BK<sub>2</sub>-280

7/3

3282

-281

7/4

3283

-282

7/4

✓ 7/4

3284

-283

7/3

3285

-284

7/11

3286

-285

7/7

3287

-286

7/10

3288

-287

7/10



B8131A4-Bk<sub>2</sub>-288

7/16

3289

-289

7/13

3290

290

7/10

3291

-291

7/3

3292

-292

7/3

3293

-293

7/8

3294

-294

7/7

3295

-295

7/7

3296



3297

B8131A4-Bk2-296

7/8

3298

-297

7/11

3299

-298

7/11

3300

-299

7/12

3301

-300

7/16

3302

-301

7/16

3303

-302

7/7

3304

-303

7/7

B8131A4 - Bk<sub>2</sub> - 304

W. A. F. P. S.

7/10

3305

-305

7/11

3306

-306

7/15

3307

Pip ✓

-307

7/13

3308

Pip ✓

-308

7/15

3309

-309

7/11

3310

-310

7/17

3311

Pip ✓

-311

7/15

3312

Pip ✓

3313

B8131A4-Bk2-312

7/9-

3314

-313

7/10

3315

-314

7/5

✓  
PIR

3316

-315

7/3

3317

-316

7/4

3318

-317

7/11

3319

-318

7/11

3320

-319

7/8

B8131A4-Bk<sub>2</sub>-320

7/8

3321

P/P ✓

-321

7/6

3322

-322

7/6

3323

P/P ✓

-323

7/7

3324

RV8303046

46

7/6

3325

B8131A4-Bk<sub>2</sub>-324

7/6

3326

-325

7/6

3327

P/P ✓

-326

7/1

3328



B8131A4-Bk<sub>2</sub>-327

3329

7/4

✓ PIP

-328

3330

7/6

-329

3331

7/4

✓ PIP

-330

3332

7/12

-331

3333

6/29

✓ PIP

-332

3334

7/3

-333

3335

7/11

-334

3336

7/2

✓ PIP

B8131A4 - Bk<sub>2</sub> - 335

11/12/12/1

7/10

3337

-336

7/12

3338

-337

7/19

3339

p/p

-338

7/10

3340

-339

7/11

3341

-340

7/10

3342

p/p

-341

7/11

3343

-342

7/10

3344

3345

B8131A4-Bk<sub>2</sub>-343

6130-

3346

-344

715

3347

-345

713

✓  
P/P

3348

-346

7110

3349

-347

6129

✓  
P/P

3350

BLPT

6127

6678

3351

B8131A4-Bk<sub>2</sub>-348

6129

✓  
P/P

3352

-349

6130



B8131A4-Bk<sub>2</sub>-350

6/30

3353

-351

7/8

3354

-352

7/5

3355

✓  
7/6

-353

7/6

3356

-354

7/6

3357

-355

7/5

3358

-356

7/4

3359

-357

7/6

3360



3361

B8131A4-B1c2-358

7/6

3362

-359

7/11

3363

-360

7/7

3364

-361

7/9

3365

-362

7/9

3366

-363

7/7

3367

-364

7/3

3368

-365

7/2

B8131A4-Bk<sub>2</sub>-366

716

3369

-367

714

3370

VP ✓

-368

715

3371

-369

715

3372

-370

716

3373

VP ✓

-371

715

3374

LEAH

Cro

710

3375

B8131A4-Bk<sub>2</sub>-372

717

3376

B8131A4-Bk2-373

3377

715-

✓ P1P

3378

-374

717

3379

-375

716

3380

-376

713

✓ P1P

3381

-377

6/30

3382

-378

7/10

3383

-379

6/28

✓ P1P

3384

-380

7/7

B8131A4-B152-381

7/6

3385

-382

7/6

3386

P/p ✓

-383

7/9

3387

-384

7/5

3388

P/p ✓

-385

7/5

3389

-386

7/6

3390

P/p ✓

-387

7/11

3391

-388

7/3

3392



3393

Б8131А4-Бк<sub>2</sub>-389

7/6

3394

-390

7/11

3395

-391

7/6

3396

-392

7/4

3397

-393

7/13

3398

-394

7/4

3399

-395

7/4

3400

-396

7/8

|               |                                            |      |       |
|---------------|--------------------------------------------|------|-------|
| 10352         | B7513A1-BK <sub>2</sub> -2-5-1-1           | 7/1  | 3401  |
| "             | -2                                         | 6/28 | 3402  |
| "             | -3                                         | 6/30 | 3403  |
| "             | -4                                         | 6/30 | 3404  |
| "             | -5                                         | 6/28 | 3405  |
|               |                                            |      | rip ✓ |
| 10360<br>4240 | B7513A1-BK <sub>2</sub> -4-1-4-1<br>84/902 | 7/6  | 3406  |
|               | -2                                         | 7/8  | 3407  |
|               | -3                                         | 6/30 | 3408  |

3409

-4

7/9

3410

-5

7/11

3411

B7513A1-Bk<sub>2</sub>-10-2-4-1

7/14

10365

3412

-2

7/11

3413

-3

7/14

3414

-4

7/13

3415

-5

7/9

3416

B7513A1-Bk<sub>2</sub>-12-3-3-1

7/10

10369

84/903

4102

✓ PIP



-2

7/12

3417

-3

7/11

3418

-4

7/14

3419

-5

7/13

3420

B7513A1-B<sub>2</sub>-17-4-3-1

10374

6276

84/904

7/10

3421

-2

7/10

3422

-3

7/10

3423

-4

7/10

3424



3425

-5  
7/10

Plp

3426

PI 372041

8/9

82/2129

bx 9/14

3427

B7513A1-Bk<sub>2</sub>-19-3-2-1

7/10

10379

84/905

5803

3428

-2

7/12

3429

-3

7/11

PR

3430

-4

7/11

3431

-5

7/11

3432

B7513A1-Bk<sub>2</sub>-28-2-3-1

7/16

10390

-2

7/16

3433

-3

7/17

3434

-4

7/17

3435

-5

7/18

3436

P/p ✓

B7513A1-BK<sub>2</sub>-30-2-3-1

10395

7/14

84/907

7/17

3437

-2

7/16

3438

P/p ✓

-3

7/12

3439

-4

7/14

3440

3441

-5

7/5

3442

B7513A1-Bk<sub>2</sub>-31-3-5-1

7/12

10402

84/908

5695

3443

-2

7/12

3444

-3

7/12

3445

-4

7/12

3446

-5

7/11

3447

B7513A1-Bk<sub>2</sub>-34-1-3-1

7/14

10405

84/909

4744

3448

-2

7/11

B7513A panicles selected long after plants  
were mature !!

92

-3

7/10

3449

P<sub>18</sub> ✓

-4

7/9

3450

-5

7/11

3451

LBNT

Fd

7/6

3452

B7513A1-B<sub>K2</sub>-36-4-2-1

10409

4898

84/911

7/14

3453

-2

7/11

3454

P<sub>18</sub> ✓

-3

7/14

3455

-4

7/14

3456



3457

-5

7/12

3458

B7513A1-Bk<sub>2</sub>-43-5-2-1

7/9

10414

84/912

4713

3459

-2

7/9

3460

-3

7/8

3461

-4

7/8

3462

-5

7/8

3463

B7513A1-Bk<sub>2</sub>-44-5-1-1

7/15

10418

84/913

4888

3464

-2

7/16

-3

7/17

3465

-4

7/17

3466

-5

7/13

3467

P10 ✓

B7513A1-BK<sub>2</sub>-49-3-1-1

10429

5644

84/915

7/8

3468

-2

7/8

3469

-3

7/4

3470

-4

7/8

3471

P10 ✓

-5

7/9

3472

3473

CB801

7/17

1235

bx 9/26

3474

B7513A1-BK<sub>2</sub>-50-4-1-1

7/10

10434

3475

-2

7/16

3476

-3

7/13

3477

-4

7/14

3478

-5

7/14

3479

B7513A1-BK<sub>2</sub>-56-5-3-1

7/10

10441

3480

-2

7/12

-3

7/12

3481

-4

7/11

3482

✓  
1/1

-5

7/9

3483

B7513A1-Bk<sub>2</sub>-58-3-5-1

10448

7/13

3484

-2

7/14

3485

-3

7/15

3486

-4

7/9

3487

-5

7/12

3488



|          |                                   |        |       |
|----------|-----------------------------------|--------|-------|
|          |                                   |        |       |
| 3489     | BT513A1-Bk <sub>2</sub> -60-4-4-1 | 7/10-  | 10453 |
| 3490     |                                   | 7/8-2  |       |
| ✓<br>p/p |                                   |        |       |
| 3491     |                                   | 7/8-3  |       |
| 3492     |                                   | 7/9-4  |       |
| 3493     |                                   | 7/9-5  |       |
| 3494     | BT513A1-Bk <sub>2</sub> -73-5-4-1 | 7/13   | 10458 |
| /        | 84/916                            |        | 5510  |
| 3495     |                                   | 7/12-2 |       |
| 3496     |                                   | 7/10-3 |       |
| ✓ p/p    |                                   |        |       |

-4

7/9

3497

-5

7/8

3498

B7513A1-Bk<sub>2</sub>-88-2-5-1

7/9

3499

10464

62/9

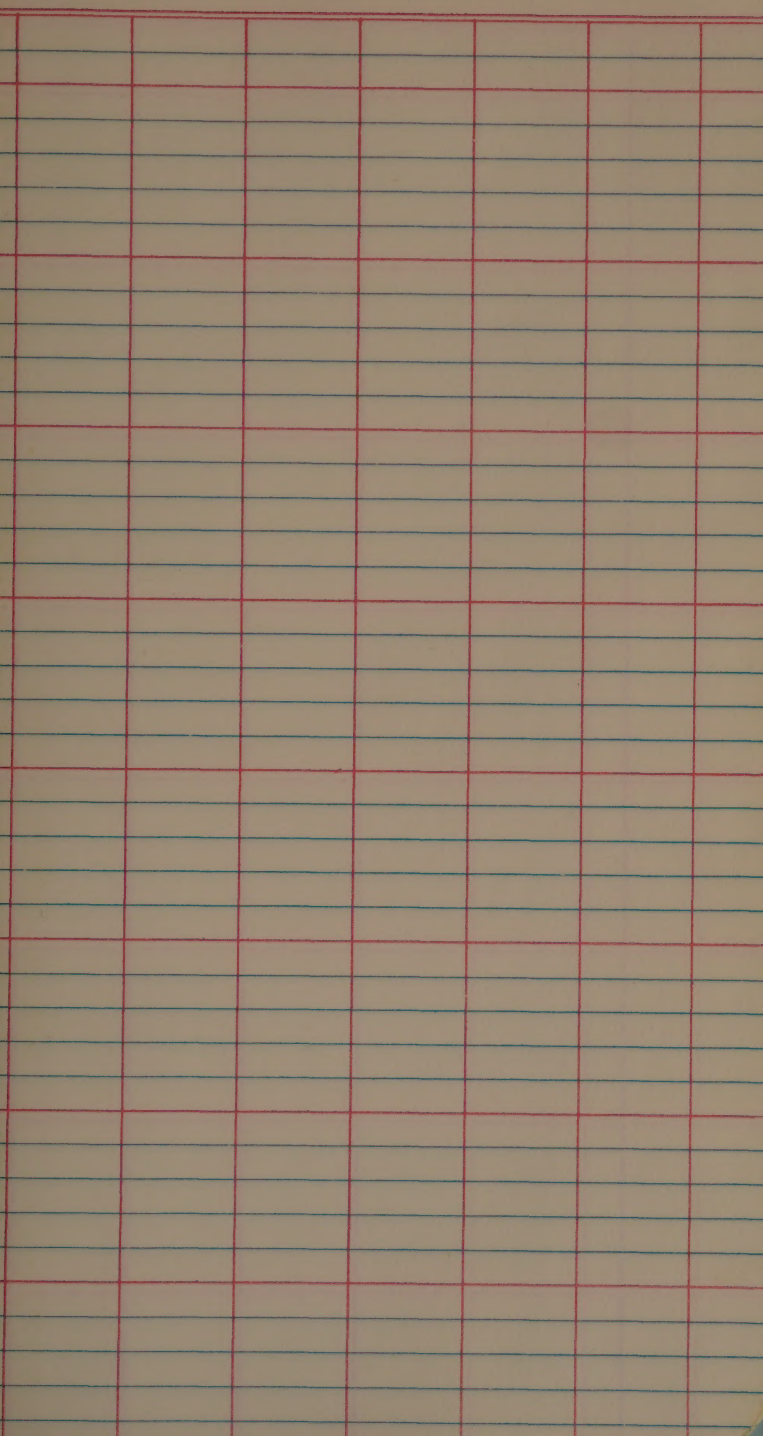
84/917

-2

7/11

3500









B8131A = LEAH/RV8003050

B7513A1 = 372041/LBNT//LBNT

for MAN CROSSES

BRAZ

M-101

LEAH







UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK  
AGRONOMIC NOTES

If found, please tie securely and return to

Charles N. Bollich

(Employee's Name)

(Street Address)

(City and State)

# SCALE FOR ESTIMATING RUST

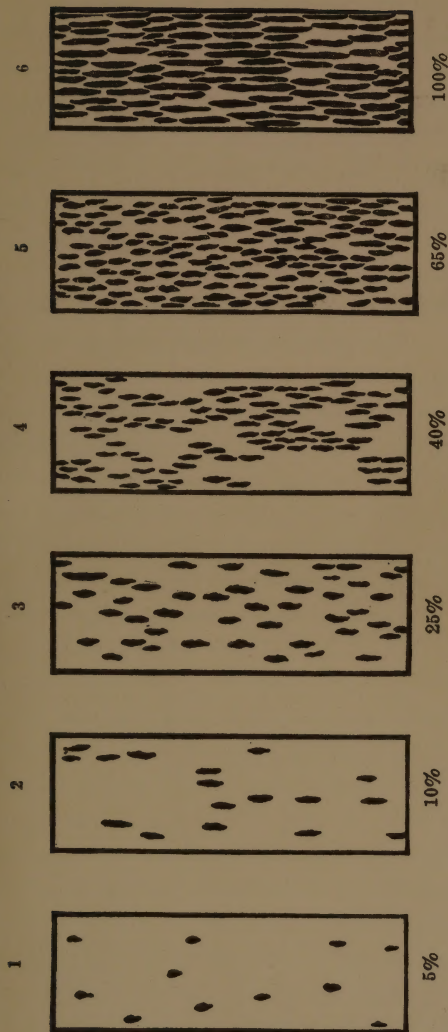


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

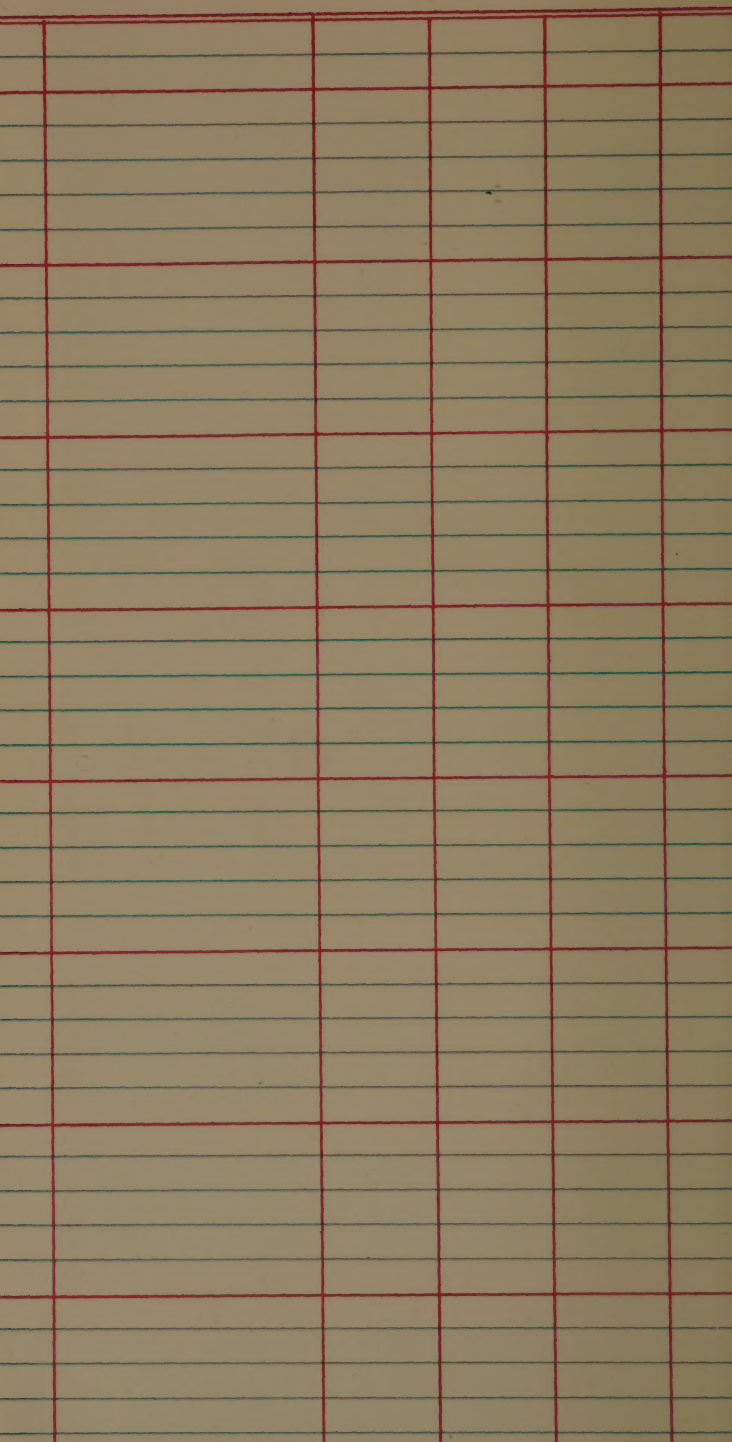
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

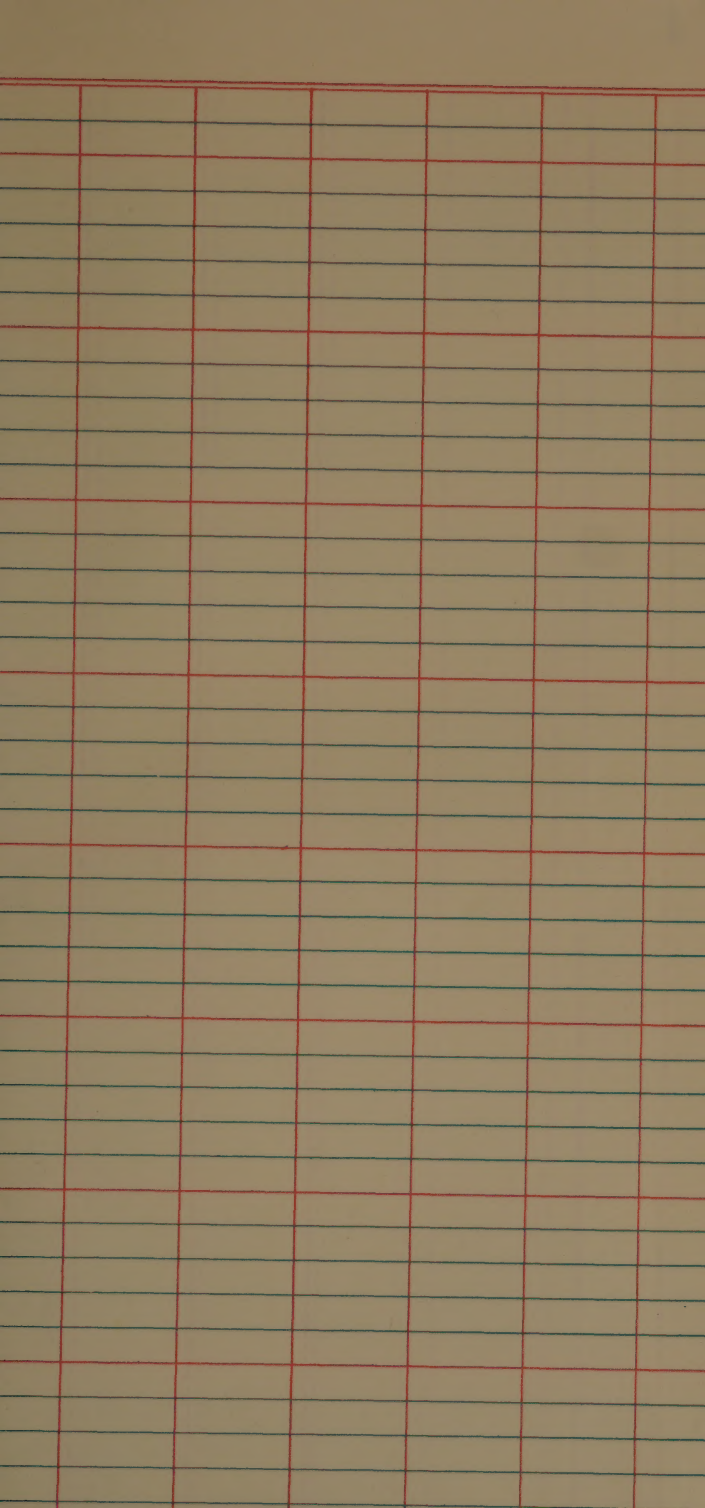
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

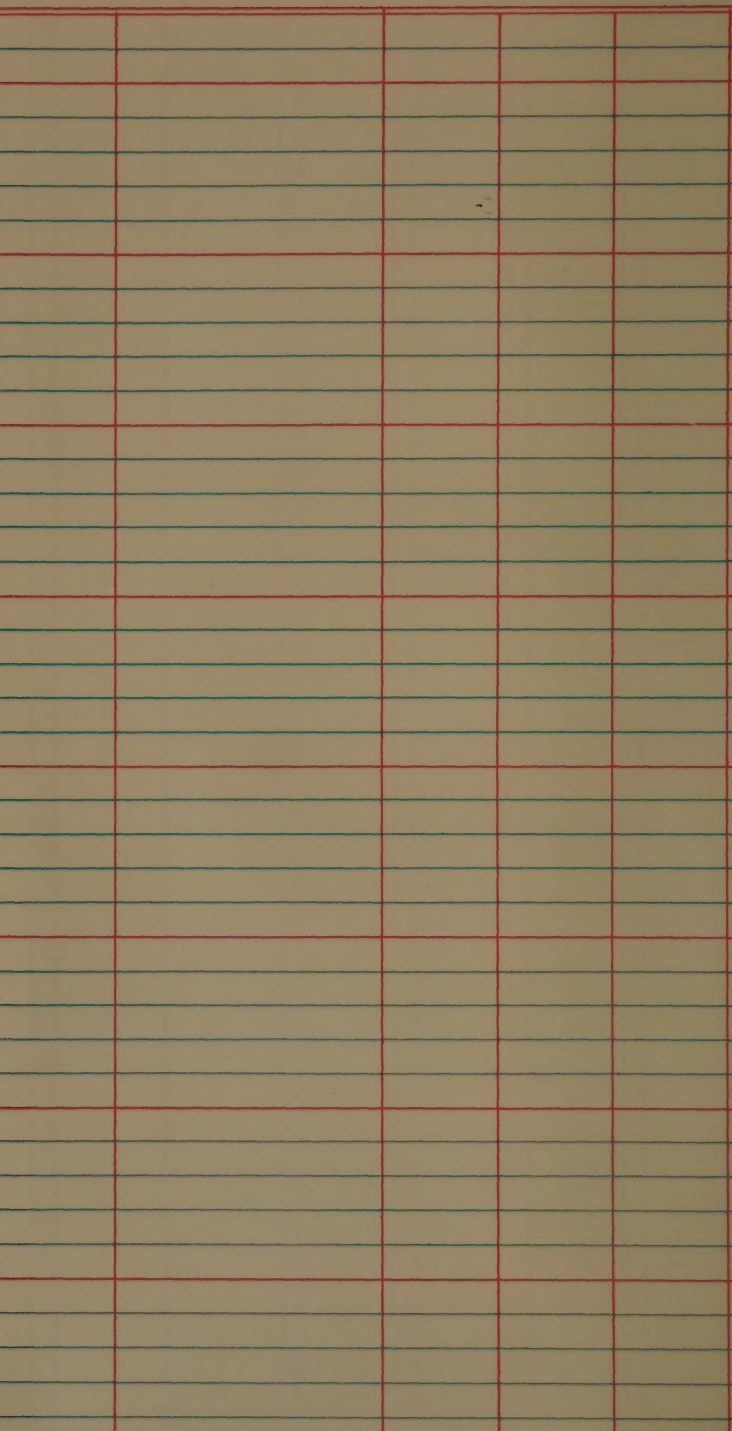


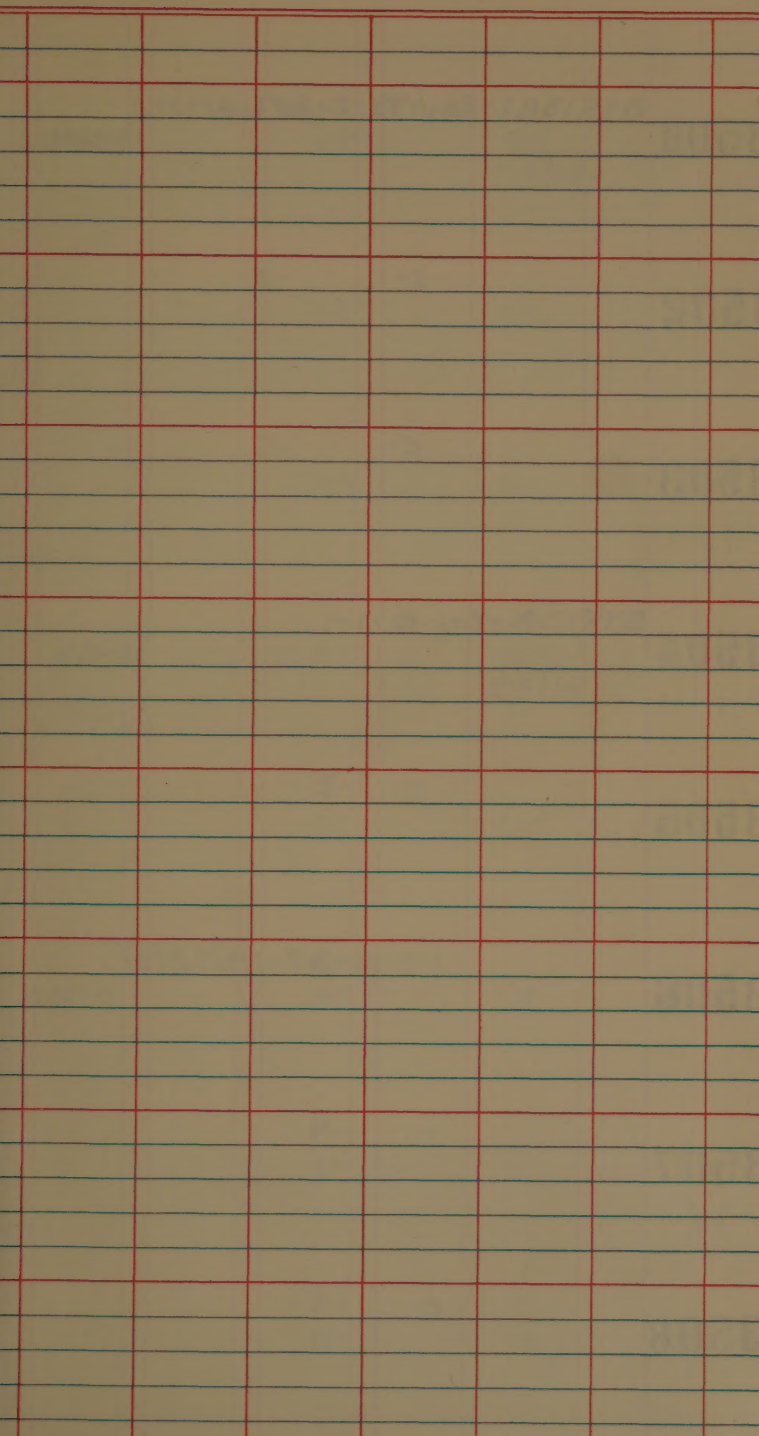














3501

B7513A1-Bk<sub>2</sub>-88-2-5-3

7/16

10464

84/917

3502

-4

7/12

3503

-5

7/13

✓ pip

3504

B7513A1-Bk<sub>3</sub>-10-1-1

7/9

10465

84/918

6189

3505

-2

7/9

3506

-3

7/8

3507

-4

7/7

✓ pip

3508

-5

7/8

B7513A1-BK<sub>3</sub>-17-5-1

10480

7/13

3509

-2

7/16

3510

-3

7/13

3511

-4

7/11

3512

8/10 ✓

-5

7/14

3513

B7513A1-BK<sub>3</sub>-23-5-1

10490

7/12

3514

-2

7/10

3515

-3

7/8

3516

3517

-4

7/6

3518

-5

7/12

✓ Pip

3519

B7513A1-Bk<sub>3</sub>-30-5-1

10495

7/8

84/919

6548

3520

-2

7/8

3521

-3

7/4

✓ Pip

3522

-4

7/7

3523

-5

7/6

3524

RU8303181

7/4

PR6701-15

B7513A1-BK<sub>3</sub>-37-5-1

10505

7/9

3525

5659

84/920

-2

7/9

3526

-3

7/6

3527

-4

7/7

3528

-5

7/8

3529

rip ✓

B7513A1-BK<sub>3</sub>-39-3-1

10508

7/9

3530

5320

84/921

-2

7/10

3531

-3

7/9

3532



3533

✓ P/p

-4

7/8

10508

3534

-5

7/13

3535

BT513A1-Bk<sub>3</sub>-42-4-1

84/922

7/9

10514

6631

3536

-2

7/11

3537

-3

7/10

3538

✓ PR

-4

7/10

3539

-5

7/8

3540

BT513A1-Bk<sub>3</sub>-44-4-1

✓ P/p

84/923

7/8

10519

4950

-2

7/9

3541

-3

7/11

3542

-4

7/10

3543

-5

7/11

3544

10521

B75/3A1-Bk<sub>3</sub>-45-1-1

7/11

3545

-2

7/11

3546

-3

7/9

3547

P/P

-4

7/11

3548

See C64A notes on page 9.

|                  |                      |      |    |            |
|------------------|----------------------|------|----|------------|
|                  |                      |      |    |            |
|                  |                      |      | -5 |            |
| 3549             |                      | 7/10 |    | 10521      |
|                  |                      |      |    |            |
|                  |                      |      |    |            |
|                  | PI 408449            |      |    |            |
| 3550             |                      | 7/14 |    | 18992-1900 |
|                  |                      |      |    |            |
|                  |                      |      |    |            |
|                  | C641A-3-4-4-1        |      |    |            |
| 3551             |                      | 6/29 |    | 11664      |
|                  | 9881/331581//7802098 |      |    |            |
|                  |                      |      |    |            |
|                  | -2                   |      |    |            |
| 3552             |                      | 6/29 |    |            |
|                  |                      |      |    |            |
|                  |                      |      |    |            |
|                  | -3                   |      |    |            |
| 3553             |                      | 6/29 |    |            |
| ✓<br>PI<br>bk 83 |                      |      |    |            |
|                  |                      |      |    |            |
|                  | -4                   |      |    |            |
| 3554             |                      | 6/29 |    |            |
|                  |                      |      |    |            |
|                  |                      |      |    |            |
|                  | -5                   |      |    |            |
| 3555             |                      | 6/29 |    |            |
|                  |                      |      |    |            |
|                  |                      |      |    |            |
|                  | C641A-3-4-5-1        |      |    |            |
| 3556             |                      | 6/24 |    | 11665      |

-2

6/25

3557

-3

6/25

3558

✓  
PR

-4

6/24

3559

-5

6/27

3560

C641A-9-2-4-1

11684

6/27

3561

-2

6/29

3562

-3

6/30

3563

-4

6/28

3564



3565

-5

6/30

3566

C641A-11-5-1-1

6/27

11686

3567

-2

6/24

3568

-3

6/25

3569

-4

6/24

3570

-5

6/23

3571

C641A-22-2-3-1

6/24

11703

3572

-2

6/24

-3

6/23

3573

P/P ✓

-4

6/22

3574

-5

6/22

3575

RU7802098

82/8773

7/20

3576

C641A-24-3-4-1

11709

6/27

3577

-2

6/27

3578

-3

6/27

3579

P/P ✓

OK 8/3

-4

6/27

3580

3581

-5

6/26

3582

C641A-29-4-4-1

6/30

11719

3583

-2

6/29

3584

-3

6/26

✓  
PIP bk 8/3  
YT.

3585

-4

6/30

3586

-5

6/25

3587

C641A-34-5-4-1

6/23

11730

3588

-2

6/23

-3

6/25

3589

-4

6/23

3590

-5

6/24

3591

✓  
V/P

C641A-36-1-1-1

11732

6/24

3592

-2

6/26

3593

-3

6/26

3594

✓  
YT V/P  
bk 8/3

-4

6/25

3595

-5

6/27

3596



C641A-39-1-2-1

3597

6/27

11738

-2

3598

6/24

✓  
P18

-3

3599

6/29

-4

3600

6/30

-5

3601

6/29

C641A-42-5-2-1

3602

6/30

11743

-2

3603

6/30

-3

3604

6/30

-4

6/29

3605

✓  
PIP

-5

6/30

3606

C641A-44-5-5-1

11751

6/25

3607

-2

6/26

3608

-3

6/25

3609

-4

6/26

3610

✓  
PIP

-5

6/26

3611

C641A-46-4-1-1

11753

6/30

3612

Dm; stubby grass; good plot

3613

-2

6/25

3614

-3

6/25

3615

-4

6/24

3616

-5

6/29

3617

C641A-60-4-3-1

6/30

11776

3618

-2

7/1

3619

-3

7/3

3620

-4

6/30

✓  
P/P  
bK 8/3

C641A saws contain many excellent plants, mostly shrubs; generally short upright flugs but sometimes too long; very early maturity; grain often too stubby; probably susceptible to straight die; good parents for seedlings; germinates after frost; expansion after frost.

9

-5

7/1

3621

C641A-81-3-1-1

11794

6/30

3622

-2

6/30

3623

-3

6/30

3624

-4

6/30

3625

-5

6/30

3626

PIP ✓

RU7703008

9677

7/9

3627

bk 8/9

C641A-84-5-4-1

11802

6/30

3628



3629

-2

6/30

3630

-3

6/29

3631

-4

6/27

3632

-5

6/27

✓  
P/P

3633

C641A-87-4-5-1

6/27

11808

3634

-2

6/26

3635

-3

6/27

✓  
P/P

bK 8/3

3636

-4

6/25

-5

6/27

3637

C641A-90-3-2-1

11810

7/1

3638

11p

-2

7/4

3639

-3

7/3

3640

-4

7/4

3641

-5

7/3

3642

C641A-92-4-2-1

11815

6/24

3643

-2

6/23

3644

|          |                 |      |  |       |
|----------|-----------------|------|--|-------|
|          |                 |      |  |       |
|          |                 | -3   |  |       |
| 3645     |                 | 6/23 |  |       |
|          |                 |      |  |       |
|          |                 | -4   |  |       |
| 3646     |                 | 6/24 |  |       |
|          |                 |      |  |       |
|          |                 | -5   |  |       |
| 3647     |                 | 6/24 |  |       |
| ✓<br>pip |                 |      |  |       |
|          |                 |      |  |       |
| 3648     | C641A-BK-11-3-1 | 7/4  |  | 11832 |
|          |                 |      |  |       |
|          |                 | -2   |  |       |
| 3649     |                 | 7/3  |  |       |
| ✓<br>pip |                 |      |  |       |
|          |                 |      |  |       |
|          |                 | -3   |  |       |
| 3650     |                 | 7/4  |  |       |
|          |                 |      |  |       |
|          |                 | -4   |  |       |
| 3651     |                 | 7/4  |  |       |
|          |                 |      |  |       |
|          |                 | -5   |  |       |
| 3652     |                 | 7/4  |  |       |





3661

✓  
P/p

-3  
7/1

3662

-4  
7/2

3663

-5  
6/29

3664

C641A-BK-31-3-1

7/1

11853

3665

-2  
6/24

3666

-3  
6/26

3667

✓  
8/8

-4  
6/23

3668

-5  
6/24

|       |                 |      |      |
|-------|-----------------|------|------|
| 11863 | C641A-Bk-38-3-1 | 6/24 | 3669 |
|-------|-----------------|------|------|

|  |    |      |      |
|--|----|------|------|
|  | -2 | 6/30 | 3670 |
|--|----|------|------|

|  |    |      |      |
|--|----|------|------|
|  | -3 | 6/30 | 3671 |
|--|----|------|------|

|  |    |      |      |
|--|----|------|------|
|  | -4 | 6/30 | 3672 |
|--|----|------|------|

|  |    |      |      |
|--|----|------|------|
|  | -5 | 6/30 | 3673 |
|--|----|------|------|

|            |  |      |      |
|------------|--|------|------|
| RU 8303169 |  | 6/30 | 3674 |
|------------|--|------|------|

|            |  |  |        |
|------------|--|--|--------|
| PR 6001-50 |  |  | bx 8/9 |
|------------|--|--|--------|

|       |                 |      |      |
|-------|-----------------|------|------|
| 11879 | C641A-Bk-47-3-1 | 6/27 | 3675 |
|-------|-----------------|------|------|

|  |    |      |      |
|--|----|------|------|
|  | -2 | 6/23 | 3676 |
|--|----|------|------|

3677

-3

6/26

3678

-4

6/26

3679

-5

6/25

3680

C641A-BK-50-2-1

6/27

11883

3681

-2

6/28

3682

-3

6/28

3683

-4

6/26

3684

-5

6/28

C641A-Bk-61-2-1

11888

6/25

3685

-2

6/27

3686

-3

6/27

3687

✓  
P/R

-4

6/26

3688

-5

6/26

3689

C641A-Bk-63-1-1

11892

6/25

3690

-2

6/24

3691

✓  
P/R

b2 8/3

-3

6/26

3692



3693

✓ Pip

-4

6/24

3694

-5

6/23

3695

C641A-BK-65-3-1

6/28

11899

3696

-2

6/28

3697

-3

6/28

3698

-4

6/30

3699

-5

6/28

3700

C641A-BK-75-2-1

6/30

11908

-2

6/30

3701

-3

6/30

3702

-4

6/23

3703

P/P ✓

6/5/3

-5

6/27

3704

C641A-BK-81-5-1

11916

6/24

3705

-2

6/24

3706

-3

6/24

3707

P/P ✓

-4

6/23

3708

|          |                  |            |  |       |
|----------|------------------|------------|--|-------|
|          |                  |            |  |       |
| 3709     |                  | -5<br>6/23 |  |       |
| 3710     | C641A-BK-109-4-1 | 6/26       |  | 11936 |
| 3711     |                  | -2<br>6/24 |  |       |
| 3712     |                  | -3<br>6/26 |  |       |
| 3713     |                  | -4<br>6/25 |  |       |
| 3714     |                  | -5<br>6/23 |  |       |
| ✓<br>918 |                  |            |  |       |
| 3715     | C641A-BK-111-5-1 | 6/23       |  | 11942 |
| 3716     |                  | -2<br>6/22 |  |       |

Note: C625A includes good dwarf with dense panicles; lvs  
questionable; expression sometime poor; often very early  
maturity; main interest optimum earlier in crosses; prob. susceptible  
to st. head;

15

-3

6/24

3717

Pip ✓

-4

6/26

3718

-5

6/27

3719

RU780 2003

11276

7/3

3720

bk 8/9

C625A-BK-6-5-1

11510

7/1

3721

-2

6/30

3722

-3

6/30

3723

-4

6/30

3724



C625A-BK-7-1-1

3725

6/30

11511

84/938

7073

-2

3726

6/30

-3

3727

7/4

-4

3728

7/3

C625A-BK-11-5-1

3729

6/29

11525

-2

3730

7/3

-3

3731

7/3

-4

3732

7/4

|       |                 |    |      |  |      |        |
|-------|-----------------|----|------|--|------|--------|
|       |                 |    |      |  |      |        |
| 11529 | C625A-Bk-12-3-1 |    | 6/24 |  | 3733 | ✓      |
|       |                 |    |      |  |      | Pp     |
|       |                 | -2 | 6/25 |  | 3734 |        |
|       |                 |    |      |  |      |        |
|       |                 | -3 | 6/24 |  | 3735 |        |
|       |                 |    |      |  |      |        |
|       |                 | -4 | 6/24 |  | 3736 |        |
|       |                 |    |      |  |      |        |
| 11548 | C625A-Bk-27-2-1 |    | 7/2  |  | 3737 |        |
|       |                 |    |      |  |      |        |
|       |                 | -2 | 7/3  |  | 3738 |        |
|       |                 |    |      |  |      |        |
|       |                 | -3 | 6/29 |  | 3739 | ✓      |
|       |                 |    |      |  |      | Pp     |
|       |                 |    |      |  |      | BK 8/3 |
|       |                 | -4 | 7/3  |  | 3740 |        |

|      |                 |      |       |
|------|-----------------|------|-------|
| 3741 | C625A-BK-34-2-1 | 6/28 | 11559 |
|------|-----------------|------|-------|

|      |    |      |  |
|------|----|------|--|
| 3742 | -2 | 6/25 |  |
|------|----|------|--|

✓  
PIP

|      |    |      |  |
|------|----|------|--|
| 3743 | -3 | 6/26 |  |
|------|----|------|--|

|      |    |      |  |
|------|----|------|--|
| 3744 | -4 | 6/24 |  |
|------|----|------|--|

|      |                 |      |       |
|------|-----------------|------|-------|
| 3745 | C625A-BK-45-5-1 | 6/26 | 11572 |
|------|-----------------|------|-------|

✓  
PIP  
BK 8/3

|      |    |      |  |
|------|----|------|--|
| 3746 | -2 | 6/26 |  |
|------|----|------|--|

|      |    |      |  |
|------|----|------|--|
| 3747 | -3 | 6/29 |  |
|------|----|------|--|

|      |    |     |  |
|------|----|-----|--|
| 3748 | -4 | 7/1 |  |
|------|----|-----|--|

11576

C625A-BK-46-3-1

6/28

3749

-2

6/30

3750

P/P

-3

6/29

3751

-4

6/30

3752

11579

C625A-BK-49-1-1

7/1

3753

84/939

7/19

P/P

-2

6/25

3754

-3

6/30

3755

-4

6/26

3756



|      |                 |      |       |
|------|-----------------|------|-------|
| 3757 | C625A-Bk-51-3-1 | 6/27 | 11586 |
|------|-----------------|------|-------|

|      |    |      |  |
|------|----|------|--|
| 3758 | -2 | 6/30 |  |
|------|----|------|--|

✓  
rip  
bk 8/3

|      |    |      |  |
|------|----|------|--|
| 3759 | -3 | 6/30 |  |
|------|----|------|--|

|      |    |      |  |
|------|----|------|--|
| 3760 | -4 | 6/30 |  |
|------|----|------|--|

|      |                 |     |       |
|------|-----------------|-----|-------|
| 3761 | C625A-Bk-55-1-1 | 7/3 | 11594 |
|------|-----------------|-----|-------|

|      |    |     |  |
|------|----|-----|--|
| 3762 | -2 | 7/2 |  |
|------|----|-----|--|

✓  
PR

|      |    |     |  |
|------|----|-----|--|
| 3763 | -3 | 7/4 |  |
|------|----|-----|--|

|      |    |     |  |
|------|----|-----|--|
| 3764 | -4 | 7/5 |  |
|------|----|-----|--|

|       |                 |      |               |
|-------|-----------------|------|---------------|
| 11607 | C625A-BK-59-2-1 | 7/1  | 3765          |
|       | -2              | 7/1  | 3766<br>P/p ✓ |
|       | -3              | 7/2  | 3767          |
|       | -4              | 7/2  | 3768          |
| 11615 | C625A-BK-65-5-1 | 7/2  | 3769          |
|       | -2              | 7/1  | 3770          |
|       | -3              | 6/30 | 3771          |
|       | -4              | 6/29 | 3772<br>P/p ✓ |

|      |                 |            |  |       |
|------|-----------------|------------|--|-------|
| 3773 |                 | -5<br>6/30 |  |       |
| 3774 | SKBT            | 7/5        |  | Fd    |
|      | b/c 8/9         |            |  |       |
| 3775 | C625A-BK-68-5-1 | 7/5        |  | 11620 |
| 3776 |                 | -2<br>7/2  |  |       |
|      | ✓<br>P/P        |            |  |       |
| 3777 |                 | -3<br>7/1  |  |       |
| 3778 |                 | -4<br>7/3  |  |       |
| 3779 |                 | -5<br>7/3  |  |       |
| 3780 | C625A-BK-79-2-1 | 6/29       |  | 11622 |
|      | 84/940          |            |  | 6990  |

-2

7/1

3781

-3

6/30

3782

✓

P/R

-4

6/36

3783

-5

6/36

3784

C625A-BK-91-2-1

11627

6/30

3785

✓

P/R

-2

6/29

3786

-3

6/30

3787

-4

6/30

3788



3789

-5

6/30

3790

C625A-BK-91-3-1

7/1

11628

3791

-2

6/30

3792

-3

6/30

3793

-4

6/30

3794

-5

7/1

3795

C625A-BK-92-5-1

6/23

11635

3796

-2

6/26

Seeded 4/5/84

S-4, 22 W

20

-3

6/25

3795

-4

6/24

3798

-5

7/1

3799

LBLE-X2-2

11000

7/1

3800

bk 8/9

PI 385814

32/2134

7/16

3801

"

7/16

3802

"

bk 8/16

7/15

3803

"

7/17

3804

PI 385814

3805

7/16

82/2134

"

3806

7/14

"

3807

7/14

not whole show  
OK 8/16

"

3808

7/14

"

3809

7/14

"

3810

7/16

PI 385817

3811

7/9

81/2483

"

3812

7/12

PI 385817

1/2483

7/15

3813

"

7/13

3814

"

7/13

3815

very weak  
1/2 inchbx  
8/16

7/13

3816

"

7/12

3817

"

7/11

3818

"

7/11

3819

"

7/8

3820



3821

B7836A1-44

7/10

80/Genetic

3822

"

7/10

"

3823

early "negotiating"  
St. + med.  
bk 9/14

7/14

"

3824

"

7/9

"

3825

"

7/12

"

3826

B773A1-G35-2-2-2

7/10

81/MAM

3827

"

7/10

3828

"

bk 8/16

7/9

|     |                     |      |      |
|-----|---------------------|------|------|
|     | "                   | 7/17 | 3829 |
|     | "                   |      | 3830 |
|     | No plants           |      |      |
|     | "                   | 7/16 | 3831 |
|     | " plants<br>b. 7/16 | 7/11 | 3832 |
|     | "                   | 7/11 | 3833 |
|     | "                   | 7/21 | 3834 |
|     | "                   | 7/11 | 3835 |
| DLA |                     | 7/9  | 3836 |

3837 DLA

7/7

83/8021

3838

"

7/7

3839

"

7/4

3840

"

bK 8/7

7/8

3841

"

7/8

3842

"

7/3

3843

"

7/9

3844

"

7/1

83/8021

DLLA

7/9

3845

"

7/6

3846

"

8/7

7/5

3847

6/5

"

7/9

3848

"

7/6

3849

"

7/11

3850

9161-200

Basmati 370

8/23

3851

"

6/5 10/5

3852



Basmati 370

3853

19161-200

"

3854

8/25

"

3855

8/26

" bk 10/5

3856

"

3857

"

3858

"

3859

"

3860

|          |             |      |      |
|----------|-------------|------|------|
| 9161-200 | Basmati 370 |      | 3861 |
| "        |             | 8/26 | 3862 |
| "        |             |      | 3863 |
| "        | 10/5<br>bK  | 8/22 | 3864 |
| "        |             | 8/23 | 3865 |
| "        |             | 8/23 | 3866 |
| "        |             |      | 3867 |
| "        |             | 8/26 | 3868 |

Basmati 370

3869

19161-200

"

3870

8/23

"

3871

8/26

" bk 10/5

3872

"

3873

8/23

"

3874

"

3875

Jodutla

7

3876

2595-2600

2595-2600

30Jut/a

3877

"

3878

"

3879

"

3880

b/c 11/6

"

3881

"

3882

"

3883

"

3884



JoJutla

3885

2595-2600

"

3886

"

3887

"

3888

bx. 11/6

"

3889

"

3890

"

3891

"

3892

595-2600 Josutla

3893

"

3894

"

3895

"

bK 11/6

3896

"

3897

"

3898

"

3899

"

3900

|      |        |      |           |
|------|--------|------|-----------|
| 3901 | CP 231 | 7/12 | 83 border |
|------|--------|------|-----------|

|      |   |      |
|------|---|------|
| 3902 | " | 7/13 |
|------|---|------|

|      |   |      |
|------|---|------|
| 3903 | " | 7/13 |
|------|---|------|

|      |   |      |
|------|---|------|
| 3904 | " | 7/13 |
|------|---|------|

|      |   |     |
|------|---|-----|
| 3905 | " | 7/9 |
|------|---|-----|

|      |   |      |
|------|---|------|
| 3906 | " | 7/13 |
|------|---|------|

|      |   |      |
|------|---|------|
| 3907 | " | 7/13 |
|------|---|------|

|      |   |      |
|------|---|------|
| 3908 | " | 7/11 |
|------|---|------|

|          |             |      |      |
|----------|-------------|------|------|
| 3 border | CP 231      | 7/13 | 3909 |
| "        |             | 7/13 | 3910 |
| "        |             | 7/13 | 3911 |
| "        | 02/18<br>6K | 7/12 | 3912 |
| "        |             | 7/12 | 3913 |
| "        |             | 7/13 | 3914 |
| "        |             | 7/10 | 3915 |
| "        |             | 7/12 | 3916 |



|      |        |      |           |
|------|--------|------|-----------|
| 3917 | CP 231 | 7/13 | 83 border |
|------|--------|------|-----------|

|      |              |      |  |
|------|--------------|------|--|
| 3918 | "<br>bx 7/20 | 7/12 |  |
|------|--------------|------|--|

|      |   |      |  |
|------|---|------|--|
| 3919 | " | 7/12 |  |
|------|---|------|--|

|      |   |      |  |
|------|---|------|--|
| 3920 | " | 7/12 |  |
|------|---|------|--|

|      |       |      |       |
|------|-------|------|-------|
| 3921 | L-202 | 6/26 | Biggs |
|------|-------|------|-------|

|      |   |      |  |
|------|---|------|--|
| 3922 | " | 6/26 |  |
|------|---|------|--|

|      |              |      |  |
|------|--------------|------|--|
| 3923 | "<br>bx 7/31 | 6/27 |  |
|------|--------------|------|--|

|      |   |      |  |
|------|---|------|--|
| 3924 | " | 6/26 |  |
|------|---|------|--|

L-202

Biggs

6/26

3925

"

6/28

3926

"

6/29

3927

"

6/27

3928

bk 7/31

"

6/26

3929

"

6/28

3930

"

6/26

3931

"

6/27

3932

|      |        |      |       |
|------|--------|------|-------|
|      | L-202  |      |       |
| 3933 |        | 6/29 | Biggs |
|      | "      |      |       |
| 3934 |        | 6/27 |       |
|      | "      |      |       |
| 3935 |        | 6/28 |       |
|      | " 7/31 |      |       |
| 3936 | 6/15   | 6/26 |       |
|      | "      |      |       |
| 3937 |        | 6/27 |       |
|      | "      |      |       |
| 3938 |        | 6/26 |       |
|      | "      |      |       |
| 3939 |        | 6/26 |       |
|      | "      |      |       |
| 3940 |        | 6/29 |       |

Fd NW RX

7/1

3941

"

7/2

3942

"

7/1

3943

"

7/1

3944

b7

8/3

"

7/1

3945

"

7/1

3946

"

7/1

3947

"

7/1

3948



NWRX

3949

7/2

Fd

3950

"

7/2

3951

"

7/3

3952

"

8/3  
6x

7/3

3953

"

7/1

3954

"

7/1

3955

"

7/5

3956

"

7/3

|     |         |      |      |
|-----|---------|------|------|
| Fd  | NWRX    | 7/3  | 3957 |
| "   | bx 8/3  | 7/3  | 3958 |
| "   |         | 7/4  | 3959 |
| "   |         | 7/7  | 3960 |
| Stg | NWBT    | 7/10 | 3961 |
| "   |         | 7/8  | 3962 |
| "   | bx 8/16 | 7/10 | 3963 |
| "   |         | 7/10 | 3964 |

NWBT

3965

7/10

Stg

"

3966

7/9

"

3967

7/9

4/6

"

3968

7/9

"

3969

7/10

"

3970

7/10

"

3971

7/8

"

3972

7/9

Severe leaf senescence  
near maturity

|     |         |      |      |
|-----|---------|------|------|
| Stg | NWBT    | 7/9  | 3973 |
| "   |         | 7/10 | 3974 |
| "   |         | 7/10 | 3975 |
| "   | bx 8/16 | 7/9  | 3976 |
| "   |         | 7/8  | 3977 |
| "   |         | 7/10 | 3978 |
| "   |         | 7/10 | 3979 |
| "   |         | 7/9  | 3980 |



STBN

3981

7/16

76

"

3982

7/13

"

3983

7/16

8/20

"

6/15

3984

7/15

"

3985

7/17

"

3986

7/16

"

3987

7/17

"

3988

7/17

STBN

76

7/18

3989

"

7/13

3990

"

7/15

3991

"

6/15 8/20

7/16

3992

"

7/14

3993

"

7/14

3994

"

7/16

3995

"

7/16

3996

|      |      |      |    |
|------|------|------|----|
| 3997 | STBN | 7/15 | 76 |
|------|------|------|----|

|      |   |      |  |
|------|---|------|--|
| 3998 | " | 7/21 |  |
|------|---|------|--|

|      |   |      |  |
|------|---|------|--|
| 3999 | " | 7/22 |  |
|------|---|------|--|

|      |   |      |  |
|------|---|------|--|
| 4000 | " | 7/22 |  |
|------|---|------|--|

|      |        |     |     |
|------|--------|-----|-----|
| 4001 | Toro-2 | 7/8 | Cro |
|------|--------|-----|-----|

|      |   |     |  |
|------|---|-----|--|
| 4002 | " | 7/8 |  |
|------|---|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4003 | " | 7/8 |  |
|------|---|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4004 | " | 7/8 |  |
|------|---|-----|--|

Cro Toro -2

7/8

4005

"

7/8

4006

"

7/6

4007

"

7/7

4008

bk 8/7

"

7/8

4009

"

7/7

4010

"

7/6

4011

"

7/6

4012



|      |              |     |     |
|------|--------------|-----|-----|
| 4013 | Toro-2       | 7/6 | Cro |
| 4014 | "            | 7/8 |     |
| 4015 | "            | 7/7 |     |
| 4016 | "<br>6/8 8/7 | 7/5 |     |
| 4017 | "            | 7/8 |     |
| 4018 | "            | 7/7 |     |
| 4019 | "            | 7/7 |     |
| 4020 | "            | 7/8 |     |

|     |        |     |      |
|-----|--------|-----|------|
| Cro | LEAH   | 7/9 | 4021 |
| "   |        | 7/9 | 4022 |
| "   |        | 7/9 | 4023 |
| "   | 64 8/7 | 7/9 | 4024 |
| "   |        | 7/8 | 4025 |
| "   |        | 7/9 | 4026 |
| "   |        | 7/7 | 4027 |
| "   |        | 7/7 | 4028 |

LEAH

4029

7/9

Cro.

4030

"

7/8

4031

"

7/9

4032

"

bk 8/7

7/9

4033

"

7/9

4034

"

7/9

4035

"

7/9

4036

"

7/7

LEAH

Cro

7/9

4037

"

bk 8/7

7/8

4038

"

7/8

4039

"

7/9

4040

Calmochi 202

border

6/28

4041

"

6/28

4042

"

bk 8/16

6/28

4043

"

6/28

4044



Calmochi 202

4045

6/28

border

4046

"

6/28

4047

"

6/28

4048

"

2/16

6/28

OK

4049

"

6/27

4050

"

6/28

4051

"

6/28

4052

"

6/28

Calmochi 202

border

6/28

4053

"

6/28

4054

"

6/28

4055

"

6/28

4056

6/11 8/116

"

6/28

4057

"

6/28

4058

"

6/28

4059

"

6/28

4060

|      |             |     |  |    |
|------|-------------|-----|--|----|
|      |             |     |  |    |
| 4061 | NATO        |     |  |    |
|      |             | 7/7 |  | 53 |
| 4062 | "           | 7/7 |  |    |
| 4063 | "           | 7/8 |  |    |
| 4064 | "<br>br 8/9 | 7/9 |  |    |
| 4065 | "           | 7/8 |  |    |
| 4066 | "           | 7/6 |  |    |
| 4067 | "           | 7/7 |  |    |
| 4068 | "           | 7/8 |  |    |

53

NATO

7/8

4069

"

7/6

4070

"

7/7

4071

"

7/7

4072

"

7/9

4073

"

7/8

4074

"

7/9

4075

200

NTAI

7/9

4076



NTAI

4077

7/4

200

4078

7/11

4079

7/15

4080

7/14

4081

7/14

4082

7/12

4083

7/14

4084

7/12

NTAI

200

7/16

4085

"

7/15

4086

"

bk 8/27

7/14

4087

"

7/14

4088

"

7/10

4089

"

7/13

4090

MARS

33

7/6

4091

"

7/5

4092

MARS

4093

7/7

33

"

4094

7/7

"

4095

7/7

8/7

"

4096

6/7

7/7

"

4097

7/9

"

4098

7/11

"

4099

7/9

"

4100

7/11

199 LA 110

7/11

4101

"

7/11

4102

"

7/10

4103

"

7/9

4104

"

BK 8/16

7/8

4105

"

7/10

4106

"

7/9

4107

"

7/9

4108



|      |        |     |     |
|------|--------|-----|-----|
| 4109 | LA 110 | 7/9 | 199 |
|------|--------|-----|-----|

|      |   |     |  |
|------|---|-----|--|
| 4110 | " | 7/9 |  |
|------|---|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4111 | " | 7/9 |  |
|------|---|-----|--|

|      |                 |     |  |
|------|-----------------|-----|--|
| 4112 | "<br>8/16<br>42 | 7/9 |  |
|------|-----------------|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4113 | " | 7/9 |  |
|------|---|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4114 | " | 7/8 |  |
|------|---|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4115 | " | 7/9 |  |
|------|---|-----|--|

|      |   |     |  |
|------|---|-----|--|
| 4116 | " | 7/8 |  |
|------|---|-----|--|

199

LA 110

7/19

4117

"

8/18

7/18

4118

6K

"

7/19

4119

"

7/19

4120

1105

TN-1

7/11

4121

"

7/11

4122

"

8/20

6K

7/13

4123

"

7/13

4124

TN-1

4125

7/12

1105

"

4126

7/11

"

4127

7/11

6/29

6/29

"

4128

7/10

"

4129

7/8

"

4130

7/12

"

4131

7/11

"

4132

7/9

|      |            |      |      |
|------|------------|------|------|
| 1105 | TN-1       | 7/18 | 4133 |
| "    |            | 7/12 | 4134 |
| "    |            | 7/18 | 4135 |
| "    | 8/20<br>6K | 7/10 | 4136 |
| "    |            | 7/13 | 4137 |
| "    |            | 7/10 | 4138 |
| "    |            | 7/12 | 4139 |
| "    |            | 7/10 | 4140 |



|      |              |     |  |      |
|------|--------------|-----|--|------|
|      |              |     |  |      |
| 4141 | Bahia        | 7/6 |  | 2121 |
| 4142 | "            | 7/7 |  |      |
| 4143 | "            | 7/3 |  |      |
| 4144 | "<br>by 8/20 | 7/7 |  |      |
| 4145 | "            | 7/6 |  |      |
| 4146 | "            | 7/6 |  |      |
| 4147 | "            | 7/6 |  |      |
| 4148 | "            | 7/6 |  |      |

Bahia

2121

7/6

4149

"

7/6

4150

"

7/6

4151

"

bx 5/20

7/6

4152

"

7/7

4153

"

7/5

4154

"

7/6

4155

"

7/3

4156

|      |        |     |      |
|------|--------|-----|------|
| 4157 | Bahia  | 7/7 | 2121 |
| 4158 | "      | 7/7 |      |
| 4159 | "      | 7/6 |      |
| 4160 | "      | 7/6 |      |
| 4161 | CICA-6 | 7/9 | 137  |
| 4162 | "      | 7/8 |      |
| 4163 | "      | 7/8 |      |
| 4164 | "      | 7/9 |      |

CICA-6

137

7/7

4165

"

7/9

4166

"

7/7

4167

"

8/14  
bK

7/10

4168

"

7/9

4169

"

7/7

4170

"

7/7

4171

"

7/7

4172



|      |            |     |  |     |
|------|------------|-----|--|-----|
|      |            |     |  |     |
|      |            |     |  |     |
|      |            |     |  |     |
| 4173 | CICA-6     | 7/9 |  | 137 |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4174 |            | 7/9 |  |     |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4175 |            | 7/9 |  |     |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4176 | 8/14<br>bk | 7/8 |  |     |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4177 |            | 7/7 |  |     |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4178 |            | 7/7 |  |     |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4179 |            | 7/8 |  |     |
|      |            |     |  |     |
|      | "          |     |  |     |
| 4180 |            | 7/8 |  |     |

|         |            |     |      |
|---------|------------|-----|------|
| 82/2141 | IR-28      | 7/3 | 4181 |
| "       |            | 7/3 | 4182 |
| "       |            | 7/3 | 4183 |
| "       |            | 7/3 | 4184 |
| "       | 6/3<br>6/5 | 7/3 | 4185 |
| "       |            | 7/3 | 4186 |
| "       |            | 7/3 | 4187 |
| "       |            | 7/1 | 4188 |

IR-28

4189

7/1

82/2141

"

4190

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4201

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4202

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|------|---------|------|------|
| 4205 | CI 9902 | 7/17 | 2040 |
| 4206 | "       | 7/18 |      |
| 4207 | "       | 7/19 |      |
| 4208 | "       | 7/17 |      |
| 4209 | "       | 7/17 |      |
| 4210 | "       | 7/19 |      |
| 4211 | "       | 7/17 |      |
| 4212 | "       | 7/19 |      |

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|------|---------|------|------|
| 2040 | CT 9902 | 7/17 | 4213 |
| "    |         | 7/17 | 4214 |
| "    |         | 7/11 | 4215 |
| "    | bK #120 | 7/16 | 4216 |
| "    |         | 7/17 | 4217 |
| "    |         | 7/17 | 4218 |
| "    |         | 7/16 | 4219 |
| "    |         | 7/9  | 4220 |

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CI 9545

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CI 9545

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PI 325893

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| 4269 | PI 325893 | 7/12 | 82/2118 |
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| 4270 | " | 7/12 |  |
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| 4271 | " | 7/12 |  |
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| 4272 | " | 7/12 |  |
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| 4273 | " | 7/12 |  |
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| 4274 | " | 7/13 |  |
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| 4275 | " | 7/13 |  |
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| 4276 | " | 7/12 |  |
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|        |              |      |      |
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| 2/2118 | PI 325893    | 7/10 | 4277 |
|        | "            | 7/10 | 4278 |
|        | "            | 7/13 | 4279 |
|        | "            | 7/12 | 4280 |
| 117    | M-9          | 6/28 | 4281 |
|        | "            | 6/28 | 4282 |
|        | "<br>bk 8/16 | 6/27 | 4283 |
|        | "            | 6/28 | 4284 |

4285 M-9 6/28 117

4286 " 6/29

4287 " 6/28

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4292 " 6/28

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variable; some 6/28  
region

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| 117 | M-9     | 6/27 | 4293 |
| "   |         | 6/28 | 4294 |
| "   |         | 6/28 | 4295 |
| "   | 6K 5/16 | 6/28 | 4296 |
| "   |         | 6/28 | 4297 |
| "   |         | 6/30 | 4298 |
| "   |         | 6/27 | 4299 |
| "   |         | 6/29 | 4300 |



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| 4301 | Opaque MS | 7/8 | Rutger |
|------|-----------|-----|--------|

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| 4302 | " | 7/8 |  |
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| 4303 | " | 7/7 |  |
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| 4304 | "<br>bk 7/5 | 7/10 |  |
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| 4305 | " | 7/7 |  |
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| 4306 | " | 7/7 |  |
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| 4307 | " | 7/7 |  |
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| 4308 | " | 7/7 |  |
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| Rutger | Opaque M5 | 7/8 | 4309 |
| "      |           | 7/7 | 4310 |
| "      |           | 7/5 | 4311 |
| "      | br 2/5    | 7/7 | 4312 |
| "      |           | 7/4 | 4313 |
| "      |           | 7/6 | 4314 |
| "      |           | 7/3 | 4315 |
| "      |           | 7/6 | 4316 |

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|------|-----------|-----|--------|
| 4317 | Opaque M5 | 7/5 | Rutger |
|------|-----------|-----|--------|

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| 4318 | " | 7/6 |  |
|------|---|-----|--|

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|------|---------------|------|--------|
| 4319 | ESD7-3 opaque | 6/29 | Rutger |
|------|---------------|------|--------|

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| 4320 | " | 6/29 |  |
|------|---|------|--|

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| 4321 | "<br>M<br>B | 6/29 |  |
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| 4322 | " | 6/29 |  |
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| 4323 | " | 6/29 |  |
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| 4324 | " | 6/29 |  |
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Rutger

ESD 7-3 Opaque

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4333

ESD7-3 Opaque

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Rutger

6/14 8/13

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4335

PI 408449

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18992 - 19000

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4337

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Fd

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4341

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bK 8/14

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| 4349 | LMNT | 7/16 | Fd |
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| 4350 | " | 7/9 |  |
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| 4351 | " | 7/10 |  |
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| 4352 | "<br>8/14<br>bk | 7/10 |  |
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| 4353 | " | 7/9 |  |
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| 4354 | " | 7/9 |  |
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| 4355 | " | 7/9 |  |
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| 4356 | " | 7/9 |  |
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|------------|-----------|---------|------|------|
| 8992-19000 | PI 408449 |         | 7/15 | 4357 |
| "          | "         |         | 7/15 | 4358 |
| Fd         | LMNT      |         | 7/11 | 4359 |
|            | "         |         | 7/11 | 4360 |
|            | "         | bk 8/14 | 7/10 | 4361 |
|            | "         |         | 7/11 | 4362 |
|            | "         |         | 7/10 | 4363 |
|            | "         |         | 7/10 | 4364 |



4365

LMNT

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Fd

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|    |            |      |      |  |      |
| Fa | LMNT       |      | 7/9  |  | 4373 |
|    | "          |      | 7/9  |  | 4374 |
|    | "          | 8/14 | 7/9  |  | 4375 |
|    | "          | 6K   | 7/9  |  | 4376 |
|    | "          |      | 7/8  |  | 4377 |
|    | "          |      | 7/8  |  | 4378 |
|    | PI 408449  |      | 7/15 |  | 4379 |
|    | 8992-19000 |      | 7/15 |  | 4380 |
|    | "          |      | 7/15 |  |      |

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|------|------|-----|----|
| 4381 | LMNT | 7/8 | Fd |
|------|------|-----|----|

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| 4382 | " | 7/10 |  |
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| 4383 | " | 7/9 |  |
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| 4384 | "<br>6/8 8/14 | 7/9 |  |
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| 4385 | " | 7/10 |  |
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| 4386 | " | 7/10 |  |
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| 4387 | " | 7/9 |  |
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| 4388 | " | 7/9 |  |
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| Fd | LMNT    |  | 7/8  | 4389 |
| "  |         |  | 7/8  | 4390 |
| "  |         |  | 7/9  | 4391 |
| "  | OK 8/14 |  | 7/10 | 4392 |
| "  |         |  | 7/10 | 4393 |
| "  |         |  | 7/8  | 4394 |
| "  |         |  | 7/9  | 4395 |
| "  |         |  | 7/9  | 4396 |



Seeded 4/11/84

S-4, 21W

|      |                                 |            |           |
|------|---------------------------------|------------|-----------|
| 4397 | LMNT                            | 7/9        | Fd        |
| 4398 | "                               | 8/14<br>bk | 7/8       |
| 4399 | "                               | 7/9        |           |
| 4400 | "                               | 7/9        |           |
| 4401 | B7836A1-1-1<br>mgt's; off-type! | 6/28       | 8/Genetic |
| 4402 | -2                              | 7/2        |           |
| 4403 | -3                              | 7/14       |           |
| 4404 | -4                              | 7/4        |           |

81/Genetic

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Genetic

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|------------|-------------|--|------|------|
| 19152-199  | Basmati 370 |  |      | 4421 |
| 51 Genetic | B7836N1-5-1 |  | 7/3  | 4422 |
|            | -2          |  | 7/3  | 4423 |
|            | -3          |  | 6/30 | 4424 |
|            | -4          |  | 7/3  | 4425 |
|            | -5          |  | 7/3  | 4426 |
|            | -6          |  | 7/6  | 4427 |
|            | -7          |  | 7/4  | 4428 |



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| B7836A1-25-1 |  |  |  |    |     |      |  |      |  |
| 81/Genetic   |  |  |  |    | 7/6 |      |  | 4453 |  |
|              |  |  |  | -2 |     | 7/12 |  | 4454 |  |
|              |  |  |  | -3 |     | 7/13 |  | 4455 |  |
|              |  |  |  | -4 |     | 7/6  |  | 4456 |  |
|              |  |  |  | -5 |     | 7/7  |  | 4457 |  |
|              |  |  |  | -6 |     | 7/14 |  | 4458 |  |
|              |  |  |  | -7 |     | 7/15 |  | 4459 |  |
|              |  |  |  | -8 |     | 7/10 |  | 4460 |  |



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Basmati 370

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81/Genetic

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81/Genetic

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|      |              |      |            |  |
| 4477 | -5           | 7/8  |            |  |
| 4478 | -6           | 1/8  |            |  |
| 4479 | -7           | 7/3  |            |  |
| 4480 | -8           | 7/3  |            |  |
| 4481 | -9           | 7/4  |            |  |
| 4482 | -10          | 7/9  |            |  |
| 4483 | RU7803075    | 7/10 |            |  |
| 4484 | B7836A1-35-1 | 7/12 | 81/Genetic |  |

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|                            | -8  | 7/4  | 4501 |
|                            | -9  | 7/8  | 4502 |
|                            | -10 | 7/9  | 4503 |
| B7836 A1-43-1<br>1/Genetic |     | 7/14 | 4504 |
|                            | -2  | 7/13 | 4505 |
|                            | -3  | 7/14 | 4506 |
|                            | -4  | 7/10 | 4507 |
|                            | -5  | 7/13 | 4508 |

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Basmati 370

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|              | -9  | 7/18 | 4533 |
|              | -10 | 7/18 | 4534 |
| B7836A1-47-1 |     |      |      |
| si/Genetic   |     | 7/17 | 4535 |
|              | -2  | 7/10 | 4536 |
|              | -3  | 7/12 | 4537 |
|              | -4  | 7/9  | 4538 |
|              | -5  | 7/10 | 4539 |
|              | -6  | 7/13 | 4540 |

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| 4541 | -7 | 7/16 |  |  |  |
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| 4542 | -8 | 7/10 |  |  |  |
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| 4543 | -9 | 7/9 |  |  |  |
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| 4544 | -10 | 7/13 |  |  |  |
|------|-----|------|--|--|--|

|      |              |      |            |  |  |
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| 4545 | B7836A1-61-1 | 7/11 | 81/Genetic |  |  |
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|------|----|------|--|--|--|
| 4546 | -2 | 7/15 |  |  |  |
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|------|----|-----|--|--|--|
| 4547 | -3 | 7/6 |  |  |  |
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| 4548 | -4 | 7/8 |  |  |  |
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|      |  |    |      |  |  |
|      |  | -2 |      |  |  |
| 4573 |  |    | 7/9  |  |  |
|      |  |    |      |  |  |
|      |  | -3 |      |  |  |
| 4574 |  |    | 7/15 |  |  |
|      |  |    |      |  |  |
|      |  | -4 |      |  |  |
| 4575 |  |    | 7/15 |  |  |
|      |  |    |      |  |  |
|      |  | -5 |      |  |  |
| 4576 |  |    | 7/19 |  |  |
|      |  |    |      |  |  |
|      |  | -6 |      |  |  |
| 4577 |  |    | 7/13 |  |  |
|      |  |    |      |  |  |
|      |  | -7 |      |  |  |
| 4578 |  |    | 7/8  |  |  |
|      |  |    |      |  |  |
|      |  | -8 |      |  |  |
| 4579 |  |    | 7/18 |  |  |
|      |  |    |      |  |  |
|      |  | -9 |      |  |  |
| 4580 |  |    | 7/17 |  |  |

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4581

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81/Genetic

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4582

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4600

B7836A1-77-1

Genetic

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4601

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4602

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| 4621 | B7836A1-81-1 | 7/10 | 81/Genetic |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -2           |      |            |  |
| 4622 |              | 7/14 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -3           |      |            |  |
| 4623 |              | 7/17 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -4           |      |            |  |
| 4624 |              | 7/14 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -5           |      |            |  |
| 4625 |              | 7/10 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -6           |      |            |  |
| 4626 |              | 7/10 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -7           |      |            |  |
| 4627 |              | 7/13 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |
|      | -8           |      |            |  |
| 4628 |              | 7/12 |            |  |
|      |              |      |            |  |
|      |              |      |            |  |

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4642

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81/Genetic

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4651

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Genetic

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4652



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|      |              |     |      |            |  |
|      |              | -9  |      |            |  |
| 4669 |              |     | 7/8  |            |  |
|      |              |     |      |            |  |
|      |              | -10 |      |            |  |
| 4670 |              |     | 7/10 |            |  |
|      |              |     |      |            |  |
| 4671 | Basmati 370  |     |      | 19152-199  |  |
|      |              |     |      |            |  |
|      |              |     |      |            |  |
| 4672 | B7836A1-89-1 |     | 7/17 | 81/Genetic |  |
|      |              |     |      |            |  |
|      |              | -2  |      |            |  |
| 4673 |              |     | 7/17 |            |  |
|      |              |     |      |            |  |
|      |              | -3  |      |            |  |
| 4674 |              |     | 7/10 |            |  |
|      |              |     |      |            |  |
|      |              | -4  |      |            |  |
| 4675 |              |     | 7/17 |            |  |
|      |              |     |      |            |  |
|      |              | -5  |      |            |  |
| 4676 |              |     | 7/16 |            |  |

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4681

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Genetic

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4682

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4684



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| 4685 | -4           | 7/13 |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4686 | -5           | 8/4  |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4687 | -6           | 7/8  |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4688 | -7           | 7/10 |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4689 | -8           | 7/7  |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4690 | -9           | 7/10 |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4691 | -10          | 7/14 |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
|      |              |      |  |           |  |
| 4692 | BT836A1-91-1 | 7/8  |  | 8/Genetic |  |

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81/Gentic

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4702

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4703

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4706

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4708

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|--------------|-----|------|------|
|              | -9  | 7/14 | 4709 |
|              | -10 | 7/20 | 4710 |
| B7836A1-98-1 |     |      |      |
| Genetic      |     | 7/8  | 4711 |
|              | -2  | 7/10 | 4712 |
|              | -3  | 7/6  | 4713 |
|              | -4  | 7/7  | 4714 |
|              | -5  | 7/19 | 4715 |
|              | -6  | 7/10 | 4716 |



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| 4717 | -7 | 7/15 |  |  |  |
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| 4718 | -8 | 7/12 |  |  |  |
|------|----|------|--|--|--|

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| 4719 | -9 | 7/8 |  |  |  |
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| 4720 | -10 | 7/9 |  |  |  |
|------|-----|-----|--|--|--|

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|------|----------------|-----|------------|--|--|
| 4721 | B7836A1-100 -1 | 7/9 | 81/Genetic |  |  |
|------|----------------|-----|------------|--|--|

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|------|----|-----|--|--|--|
| 4722 | -2 | 7/3 |  |  |  |
|------|----|-----|--|--|--|

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|------|----|------|--|--|--|
| 4723 | -3 | 7/15 |  |  |  |
|------|----|------|--|--|--|

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| 4724 | -4 | 7/9 |  |  |  |
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Basmati 370

152-199

4731

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Genetic

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|------|----|------|--|--|--|--|
| 4733 | -2 | 7/15 |  |  |  |  |
|------|----|------|--|--|--|--|

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|------|----|------|--|--|--|--|
| 4734 | -3 | 7/17 |  |  |  |  |
|------|----|------|--|--|--|--|

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|------|----|------|--|--|--|--|
| 4735 | -4 | 7/16 |  |  |  |  |
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|------|----|------|--|--|--|--|
| 4736 | -5 | 7/10 |  |  |  |  |
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| 4737 | -6 | 7/11 |  |  |  |  |
|------|----|------|--|--|--|--|

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| 4738 | -7 | 7/12 |  |  |  |  |
|------|----|------|--|--|--|--|

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| 4739 | -8 | 7/14 |  |  |  |  |
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| 4740 | -9 | 7/13 |  |  |  |  |
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| 4749 | -8            | 7/10 |            |  |
| 4750 | B7836A1-110-1 | 7/8  | 81/Genetic |  |
| 4751 | -2            | 7/11 |            |  |
| 4752 | -3            | 7/11 |            |  |
| 4753 | -4            | 7/14 |            |  |
| 4754 | -5            | 7/10 |            |  |
| 4755 | -6            | 7/4  |            |  |
| 4756 | -7            | 7/6  |            |  |

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4759

B7836A1-116-1

81/Genetic

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|      |               |      |  |           |
|      |               | -6   |  |           |
| 4765 |               | 7/15 |  |           |
|      |               |      |  |           |
|      |               | -7   |  |           |
| 4766 |               | 7/19 |  |           |
|      |               |      |  |           |
|      |               | -8   |  |           |
| 4767 |               | 7/25 |  |           |
|      |               |      |  |           |
|      |               | -9   |  |           |
| 4768 |               | 7/12 |  |           |
|      |               |      |  |           |
|      |               | -10  |  |           |
| 4769 |               | 7/18 |  |           |
|      |               |      |  |           |
|      |               |      |  |           |
| 4770 | RU7803075     | 7/10 |  |           |
|      |               |      |  |           |
|      |               |      |  |           |
| 4771 | B7836A1-120-1 | 7/6  |  | 8/Genetic |
|      |               |      |  |           |
|      |               | -2   |  |           |
| 4772 |               | 7/14 |  |           |

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4773

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4775

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4776

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4777

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4778

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4779

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4780



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4781

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8/1 Genetic

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4782

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4789

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4790

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715

4791

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4801

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81/Genetic

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Genetic

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81/Genetic

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81/Genetic

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| 4845 | -4 | 7/19 |  |  |  |
|------|----|------|--|--|--|

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| 4846 | -5 | 7/17 |  |  |  |
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| 4847 | -6 | 7/19 |  |  |  |
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| 4848 | -7 | 7/27 |  |  |  |
|------|----|------|--|--|--|

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| 4849 | -8 | 7/23 |  |  |  |
|------|----|------|--|--|--|

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| 4850 | -9 | 7/28 |  |  |  |
|------|----|------|--|--|--|

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|------|-----|------|--|--|--|
| 4851 | -10 | 7/23 |  |  |  |
|------|-----|------|--|--|--|

|      |               |      |    |         |  |
|------|---------------|------|----|---------|--|
| 4852 | B7836A1-157-1 | 7/30 | 81 | Genetic |  |
|------|---------------|------|----|---------|--|

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81/Genetic

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81/Gentic

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4881

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81/Genetic

4882

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4883

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4890

B7836A1-173-1

81/Gentic

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| B7836A1-175-1 | 7/25 | 4901 |
| 81/Gentic     |      |      |
| -2            | 7/18 | 4902 |
| -3            |      | 4903 |
| -4            | 8/5  | 4904 |
| -5            | 7/12 | 4905 |
| -6            | 7/24 | 4906 |
| -7            | 7/25 | 4907 |
| -8            | 7/20 | 4908 |



4909

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|                            | -7  | 7/11 | 4917 |
|                            | -8  | 7/15 | 4918 |
|                            | -9  | 7/21 | 4919 |
|                            | -10 | 7/13 | 4920 |
| B7836A1-182-1<br>8/Genetic |     | 8/10 | 4921 |
|                            | -2  | 7/31 | 4922 |
|                            | -3  | 7/23 | 4923 |
|                            | -4  | 7/30 | 4924 |

|      |    |     |  |  |  |
|------|----|-----|--|--|--|
| 4925 | -5 | 8/4 |  |  |  |
|------|----|-----|--|--|--|

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| 4926 | -6 | 7/26 |  |  |  |
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| 4927 | -7 | 7/20 |  |  |  |
|------|----|------|--|--|--|

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| 4928 | -8 | 8/4 |  |  |  |
|------|----|-----|--|--|--|

|      |               |      |           |  |  |
|------|---------------|------|-----------|--|--|
| 4929 | BT836A1-185-1 | 7/15 | 8/Genetic |  |  |
|------|---------------|------|-----------|--|--|

|      |    |      |  |  |  |
|------|----|------|--|--|--|
| 4930 | -2 | 7/27 |  |  |  |
|------|----|------|--|--|--|

|      |    |      |  |  |  |
|------|----|------|--|--|--|
| 4931 | -3 | 7/21 |  |  |  |
|------|----|------|--|--|--|

|      |    |      |  |  |  |
|------|----|------|--|--|--|
| 4932 | -4 | 7/16 |  |  |  |
|------|----|------|--|--|--|

-5

7/13

4933

-6

7/21

4934

-7

8/8

4935

-8

7/24

4936

-9

7/19

4937

-10

7/20

4938

BT836A1-191-1

1/Gentic

7/14

4939

-2

7/31

4940



|      |    |      |
|------|----|------|
| 4941 | -3 | 7/29 |
|------|----|------|

|      |    |      |
|------|----|------|
| 4942 | -4 | 7/31 |
|------|----|------|

|      |    |      |
|------|----|------|
| 4943 | -5 | 7/28 |
|------|----|------|

|      |    |      |
|------|----|------|
| 4944 | -6 | 7/28 |
|------|----|------|

|      |    |      |
|------|----|------|
| 4945 | -7 | 7/25 |
|------|----|------|

|      |    |  |
|------|----|--|
| 4946 | -8 |  |
|------|----|--|

|      |    |      |
|------|----|------|
| 4947 | -9 | 7/25 |
|------|----|------|

|      |     |      |
|------|-----|------|
| 4948 | -10 | 7/21 |
|------|-----|------|

|            |               |      |      |
|------------|---------------|------|------|
| 81 Genetic | B7836A1-195-1 |      | 4949 |
|            | -2            |      | 4950 |
|            | -3            | 7/27 | 4951 |
|            | -4            | 8/11 | 4952 |
|            | -5            | 7/26 | 4953 |
|            | -6            |      | 4954 |
|            | -7            | 8/4  | 4955 |
|            | -8            | 8/6  | 4956 |

|      |             |      |  |             |  |
|------|-------------|------|--|-------------|--|
|      |             |      |  |             |  |
|      |             | -9   |  |             |  |
| 4957 |             | 8/14 |  |             |  |
|      |             |      |  |             |  |
|      |             | -10  |  |             |  |
| 4958 |             |      |  |             |  |
|      |             |      |  |             |  |
|      | Basmati 370 |      |  |             |  |
| 4959 |             |      |  | 19152-199   |  |
|      |             |      |  |             |  |
|      | bx 10/4     |      |  |             |  |
|      |             |      |  |             |  |
|      | PI 408449   |      |  |             |  |
| 4960 |             | 7/17 |  | 18992-19000 |  |
|      |             |      |  |             |  |
|      | bx 8/23     |      |  |             |  |
|      |             |      |  |             |  |
|      | PI 372054   |      |  |             |  |
| 4961 |             | 7/7  |  | 11599       |  |
|      |             |      |  |             |  |
|      | bx 8/23     |      |  |             |  |
|      |             |      |  |             |  |
|      | PI 372056   |      |  |             |  |
| 4962 |             | 7/8  |  | 11600       |  |
|      |             |      |  |             |  |
|      | bx 8/23     |      |  |             |  |
|      |             |      |  |             |  |
|      | PI 372097   |      |  |             |  |
| 4963 |             | 7/8  |  | 82/2132     |  |
|      |             |      |  |             |  |
|      | bx 8/23     |      |  |             |  |
|      |             |      |  |             |  |
|      | RUT402003   |      |  |             |  |
| 4964 |             | 7/4  |  | 10582       |  |
|      |             |      |  |             |  |
|      | bx 8/3      |      |  |             |  |

|         |           |      |      |         |
|---------|-----------|------|------|---------|
| 12976   | RU7502076 | 7/16 | 4965 | bk 8/23 |
| 9175    | RU7603069 | 7/13 | 4968 | bk 8/23 |
| 9677    | RU7703008 | 7/13 | 4967 | bk 8/23 |
| 11276   | RU7802003 | 7/15 | 4968 | bk 8/23 |
| 9651    | RU7801007 | 7/16 | 4969 | bk 8/3  |
| 8681    | RU7801067 | 7/19 | 4970 | bk 8/10 |
| 82/8773 | RU7803098 | 7/24 | 4971 | bk 9/26 |
| 6826    | RU7903157 | 7/13 | 4972 | bk 8/23 |



|      |         |     |      |
|------|---------|-----|------|
| 4973 | SSD/SSS | 7/9 | 9226 |
|------|---------|-----|------|

bk 8/23

|      |           |     |       |
|------|-----------|-----|-------|
| 4974 | LBLE-X2-2 | 7/6 | 11000 |
|------|-----------|-----|-------|

many off types  
Discard

|      |         |      |      |
|------|---------|------|------|
| 4975 | CI 9902 | 7/21 | 2040 |
|------|---------|------|------|

bk 8/23

|      |           |     |   |
|------|-----------|-----|---|
| 4976 | RU8003005 | 7/6 | 3 |
|------|-----------|-----|---|

bk 8/10

|      |           |      |         |
|------|-----------|------|---------|
| 4977 | PI 372041 | 7/23 | 82/2129 |
|------|-----------|------|---------|

bk 9/26

|      |             |      |         |
|------|-------------|------|---------|
| 4978 | Cal 12/3764 | 7/13 | 82/2151 |
|------|-------------|------|---------|

bk 8/23

|      |           |      |            |
|------|-----------|------|------------|
| 4979 | PI 161035 | 7/19 | 81/2591-95 |
|------|-----------|------|------------|

bk 8/23

|      |      |      |         |
|------|------|------|---------|
| 4980 | OS-6 | 7/20 | 82/2115 |
|------|------|------|---------|

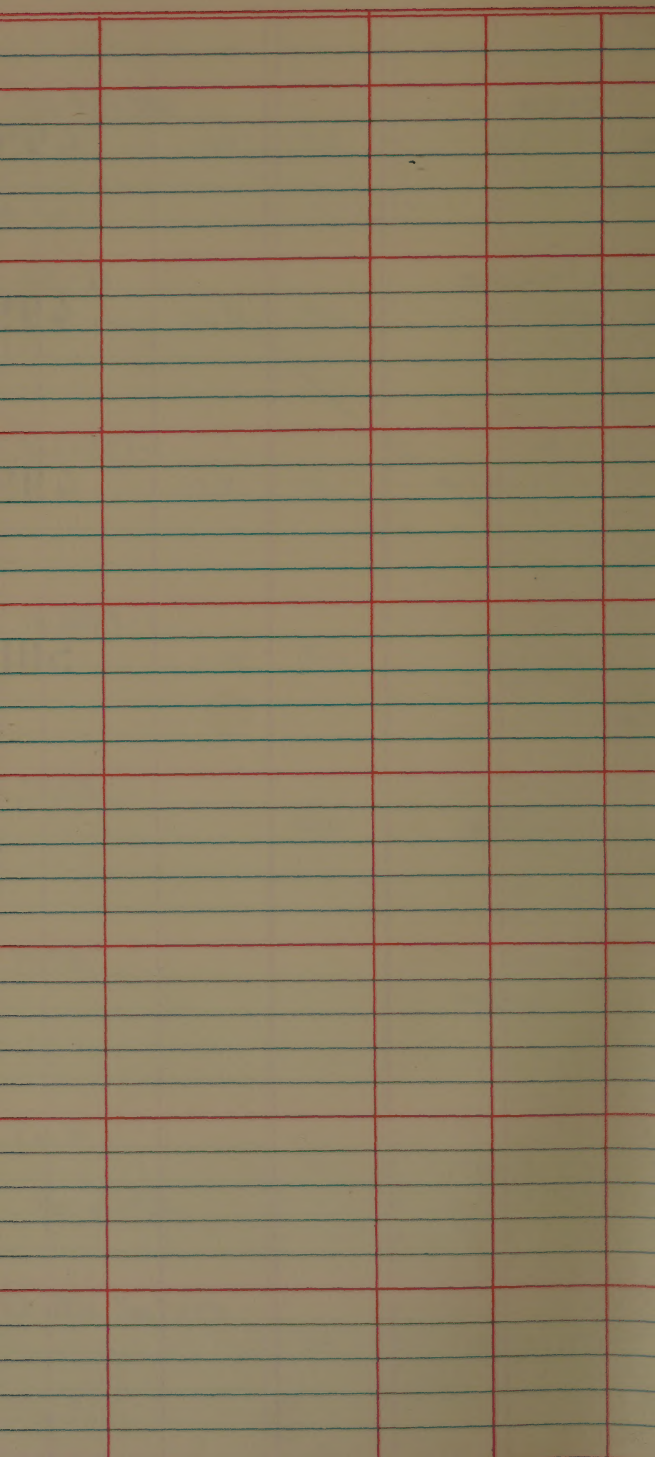
bk 8/23

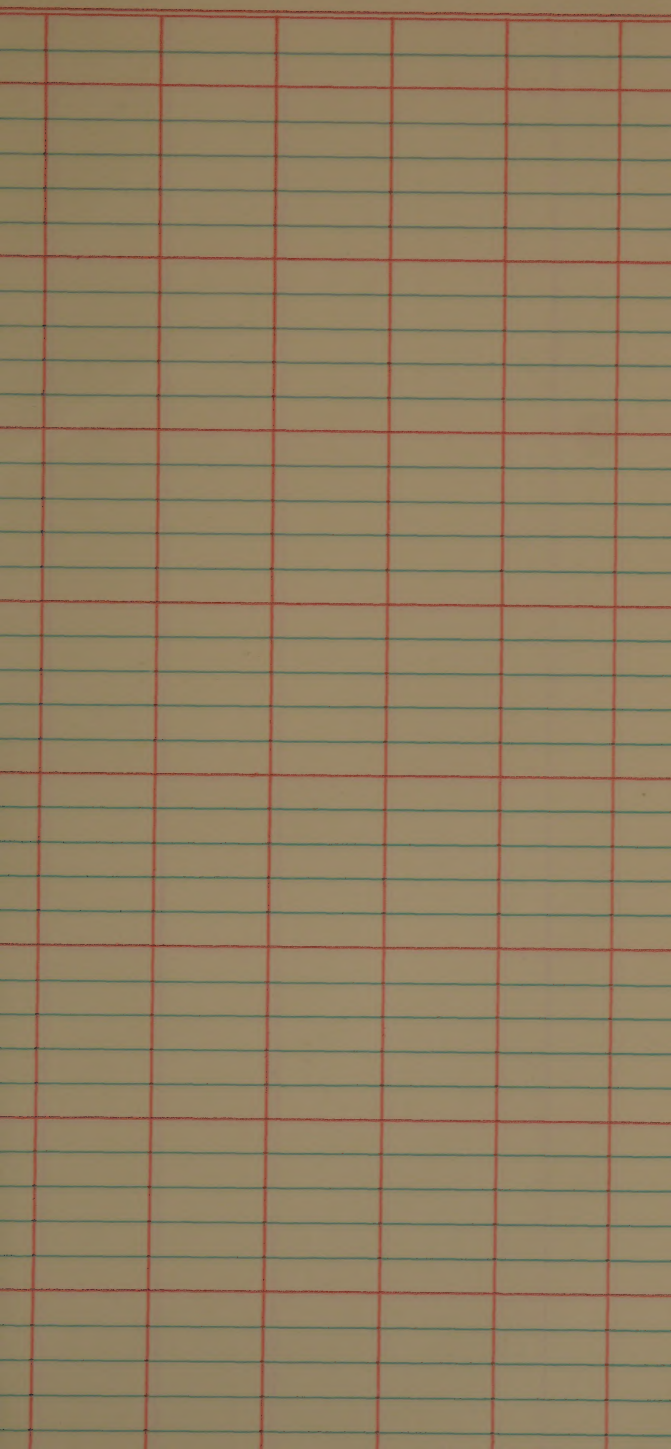
|         |           |      |      |         |
|---------|-----------|------|------|---------|
| 82/2155 | WBLE-X2-1 | 7/7  | 4981 | bk 8/10 |
| 82/2071 | Tongil    | 7/10 | 4982 | bk 8/23 |
| 82/2186 | Dular     | 6/27 | 4983 | bk 8/3  |
| 82/2187 | PI 291449 | 6/18 | 4984 | bk 7/18 |
| 82/2188 | PI 291495 | 8/21 | 4985 | bk 7/18 |
| 82/2161 | CI 9881   | 7/18 | 4986 | bk 8/10 |
| 82/7241 | NP-130    | 7/11 | 4987 | bk 8/10 |
| 2/10126 | RU7703012 | 7/6  | 4988 | bk 8/3  |

|         |                |        |  |              |  |
|---------|----------------|--------|--|--------------|--|
|         |                |        |  |              |  |
|         | PI 331581      |        |  |              |  |
| 4989    |                | 7/12 - |  | 82/2152      |  |
| bk 8/23 |                |        |  |              |  |
|         | 13-D           |        |  |              |  |
| 4990    |                | 7/26   |  | 82/2154      |  |
| bk 8/23 |                |        |  |              |  |
|         | 76/1227-1      |        |  |              |  |
| 4991    |                | 7/16   |  | 82/2159      |  |
| bk 8/10 |                |        |  |              |  |
|         | 76/11309-1     |        |  |              |  |
| 4992    |                | 7/16   |  | 82/2160      |  |
| bk 8/23 |                |        |  |              |  |
|         | JAYA           |        |  |              |  |
| 4993    |                | 8/10   |  | 81/2469-71   |  |
| bk 9/26 |                |        |  |              |  |
|         | PETA           |        |  |              |  |
| 4994    |                |        |  | 81/2495-2500 |  |
|         |                |        |  |              |  |
|         | Pi 4           |        |  |              |  |
| 4995    |                | -      |  | 81/2472      |  |
|         | No plants      |        |  |              |  |
|         | Brittle Saturn |        |  |              |  |
| 4996    |                | 7/9    |  | 82/2185      |  |
| bk 8/23 |                |        |  |              |  |

|         |           |      |         |
|---------|-----------|------|---------|
| 82/173  | TIR8      | 7/27 | 4997    |
|         |           |      | bc 9/26 |
| 82/2110 | PI 315650 | 8/23 | 4998    |
| "       | "         | 8/23 | 4999    |
| "       | bx 10/14  | 8/23 | 5000    |







# Sample for General Foods

|         |   |    |     |    |
|---------|---|----|-----|----|
| NWRX    | I | II | III | IV |
| IR-28   | I | II | III | IV |
| STBN    | I | II | III | IV |
| LMNT    | I | II | III | IV |
| TN-1    | I | II | III | IV |
| P 231   | I | II | III | IV |
| MARS    | I | II | III | IV |
| AMO-202 | I | II | III | IV |

## Maybe Also

|               |   |    |     |    |
|---------------|---|----|-----|----|
| PI 325893     | I | II | III | IV |
| Bahia         | I | II | III | IV |
| Opaque GSDT-3 | I | II | III | IV |

## Not headed

|           |      |           |
|-----------|------|-----------|
| 3851-75   | 4859 |           |
| 3876-3900 | 4861 |           |
| 4421 B    | 4885 |           |
| 4421      | 4891 | 4946      |
| 4463 B    |      | 4949      |
| 4524 B    |      | 4950      |
| 4671 B    |      |           |
|           | 4903 | 4954      |
|           | 4901 |           |
| 4731 B    | 4907 | 4956      |
| 4783      | 4910 | 4957      |
|           |      | 4958      |
|           |      | 4959 B    |
|           |      | 4994      |
|           |      | 4998-5000 |

B7513A = 372041/LBNT//LBNT

C625A = SKAT/7802003

C641A = 9881/331581//7802098

B7836A =







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

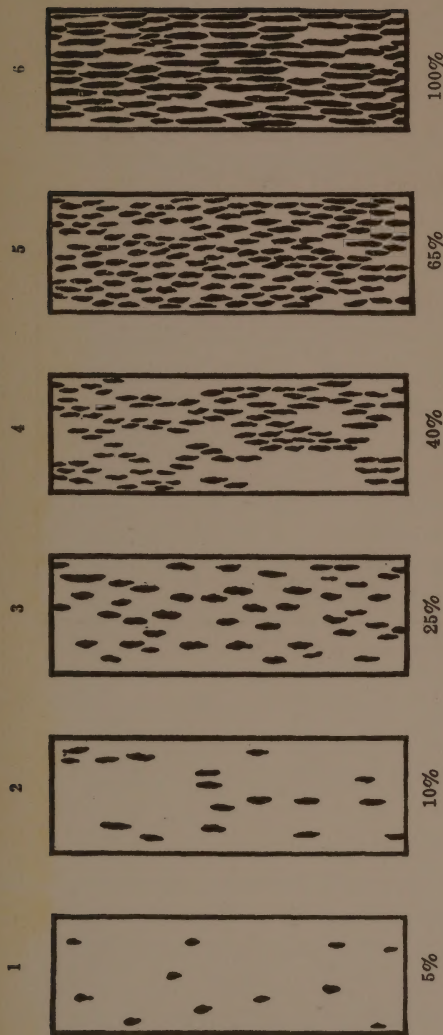


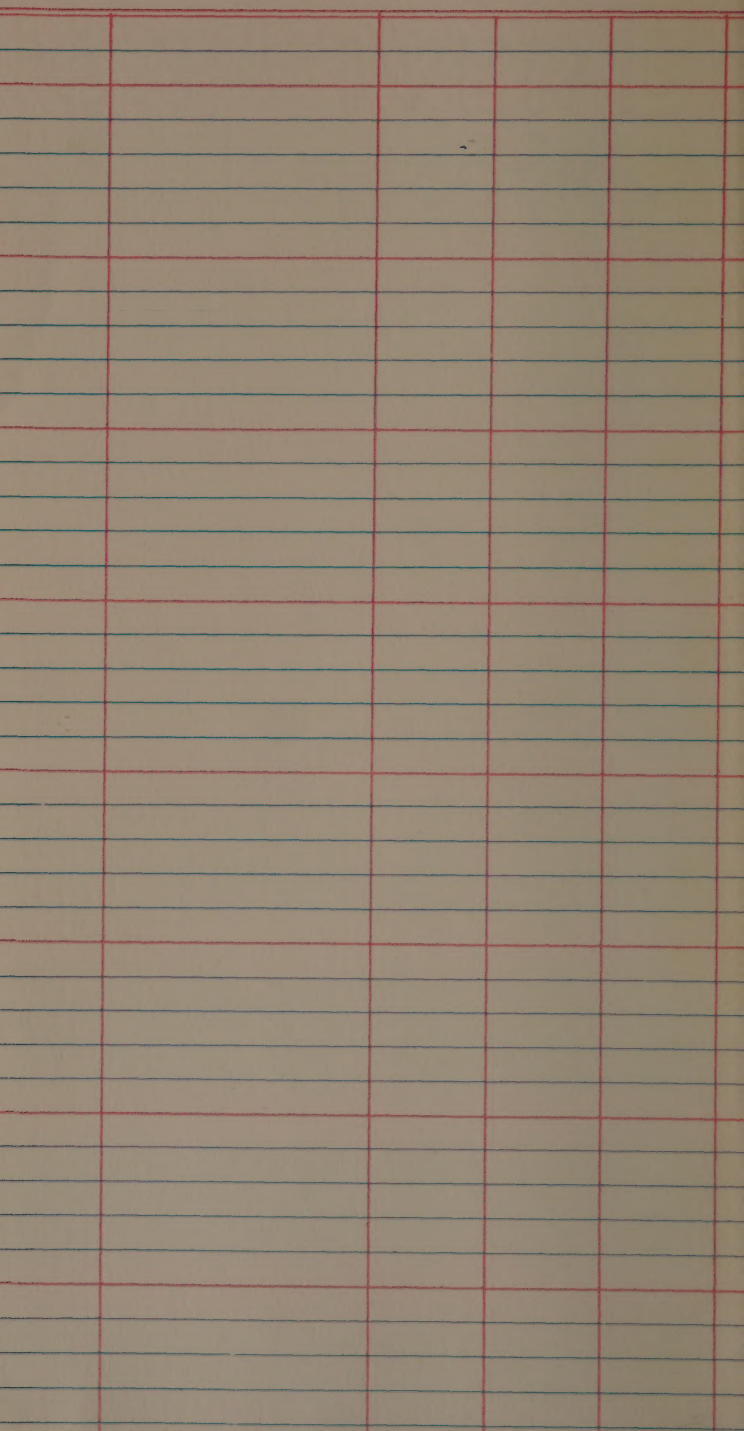
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

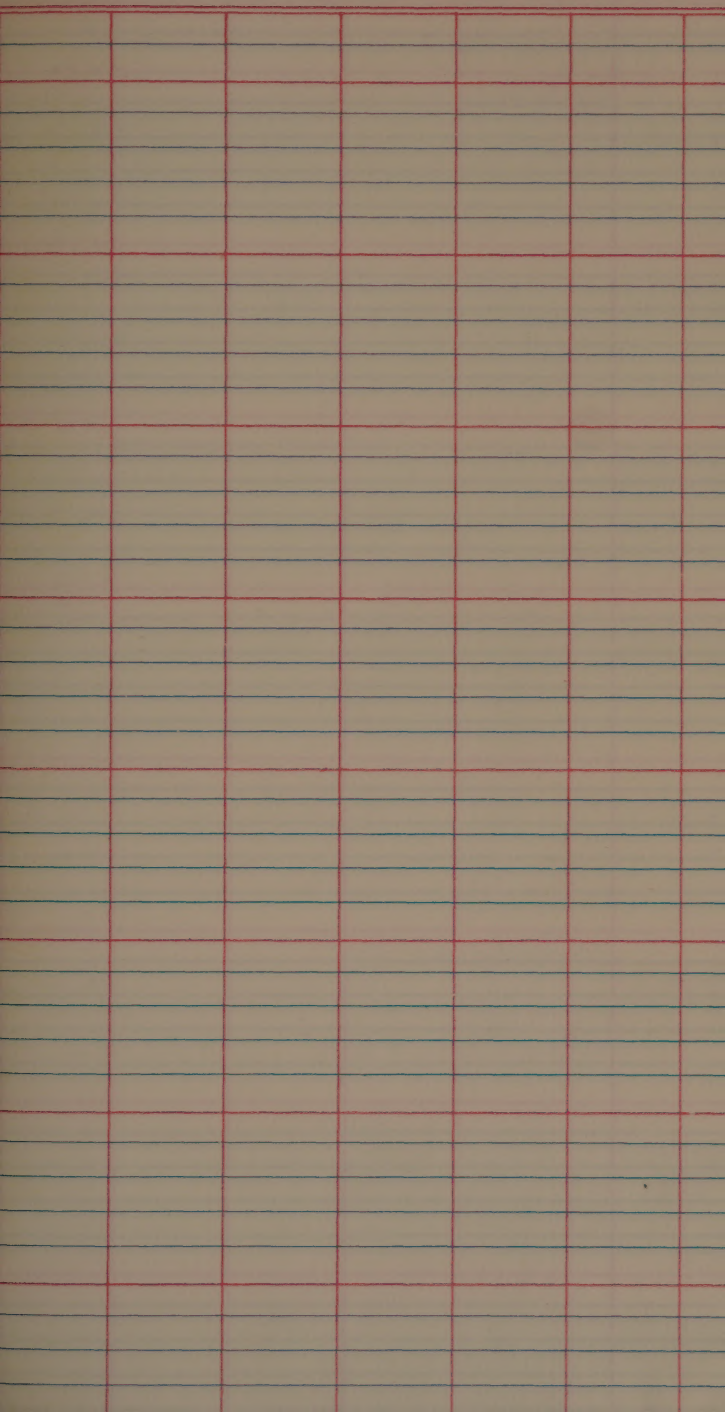
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

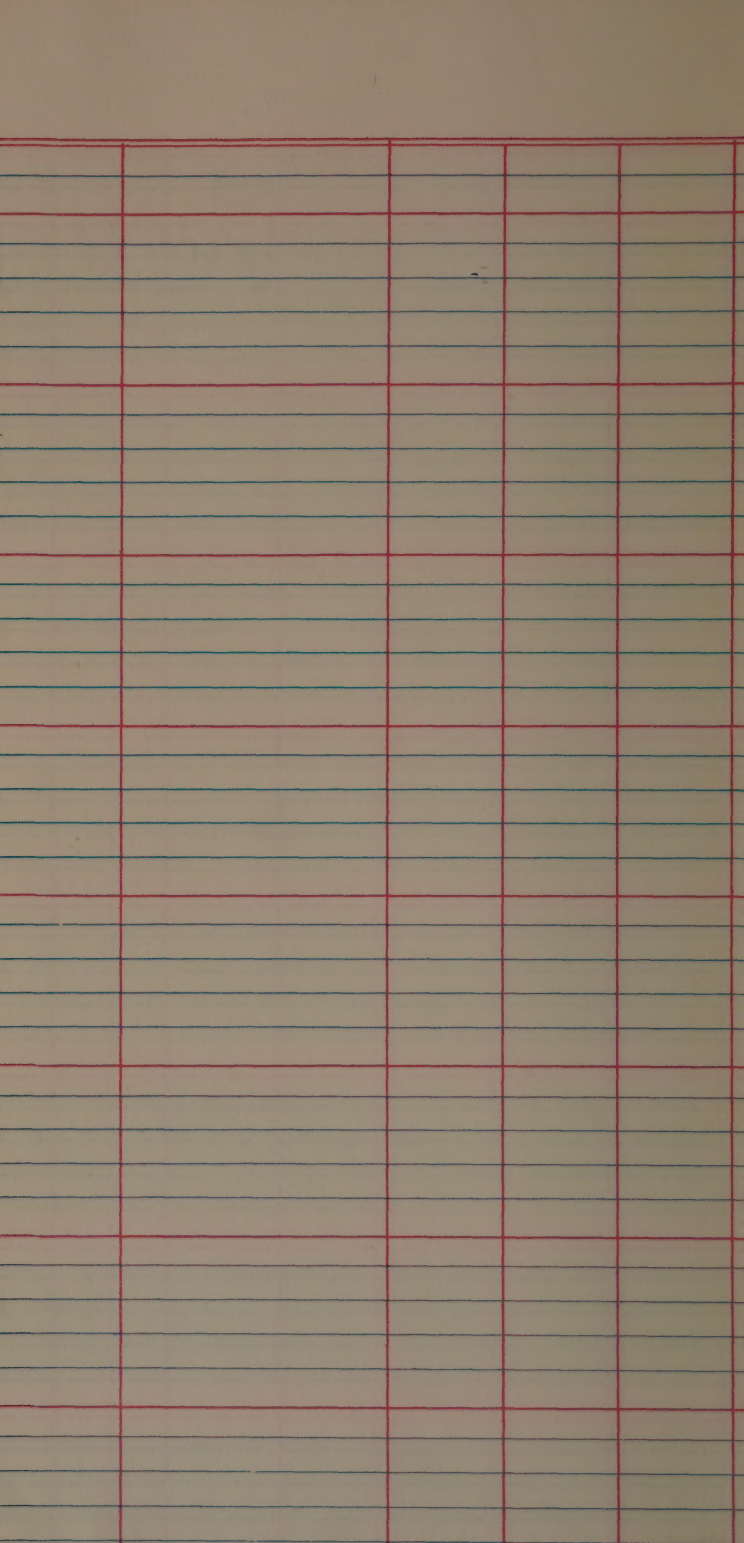
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

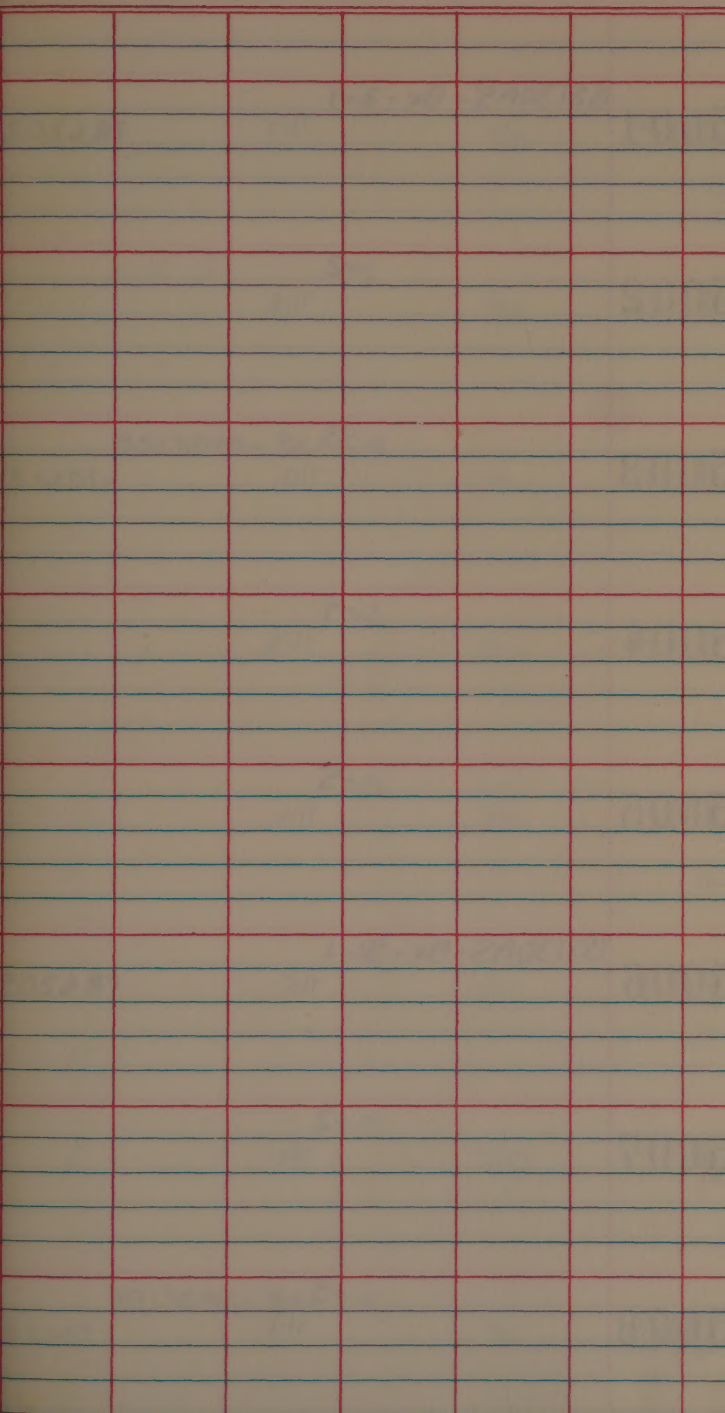
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.













Seeded 4/11/84

S-4, 20W

B8130A5-Bk-2-1

5001

7/17

PR 6202

-2

5002

7/18

-3

5003

7/17

-4

5004

7/18

-5

5005

7/16

B8130A5-Bk-5-1

5006

7/5

PR 6205

9/8

-2

5007

7/7

-3

5008

7/4

-4

7/13

5009

P/P ✓

-5

7/15

5010

38130A5-BK-6-1

PR 6206

7/16

5011

-2

7/16

5012

-3

7/11

5013

P/P ✓

-4

7/17

5014

-5

7/12

5015

38130A5-BK-7-1

PR 6207

7/16

5016

5017

-2

7/15

5018

-3

7/15

5019

-4

7/15

5020

-5

7/13

5021

B8130A5-BK-8-1

7/13

PR 6208

5022

-2

7/12

5023

-3

7/11

5024

-4

7/10

-5

7/8

5025

P/P

LMNT

Fd

7/14

5026

bk 8/14

B8130A5-BK-12-1

PR 6212

7/16

5027

-2

7/13

5028

-3

7/13

5029

-4

7/13

5030

-5

7/16

5031

P/P

B8130A5-BK-15-1

PR 6215

7/8

5032



5033

-2

7/13-

5034

-3

7/15

5035

-4

7/12

5036

-5

7/9

5037

B8130A5-BK-19-1

7/9

PR 6219

5038

-2

7/8

5039

-3

7/8

5040

-4

7/7

-5

7/8

5041

B8130A5-Bk-20-1

PR 6220

7/9

5042

-2

7/9

5043

-3

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5044

-4

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5045

-5

7/6

5046

B8130A5-Bk-21-1

PR 6221

7/5

5047

-2

7/5

5048

|       |                 |            |  |         |
|-------|-----------------|------------|--|---------|
|       |                 |            |  |         |
| 5049  |                 | -3<br>7/14 |  |         |
| 5050  |                 | -4<br>7/10 |  |         |
| 5051  |                 | -5<br>7/13 |  |         |
| 5052  | LEAH            | 7/12       |  | C10     |
|       | bk 8/14         |            |  |         |
| 5053  | B8130A5-BK-23-1 | 7/8        |  | PR 6223 |
| 5054  |                 | -2<br>7/8  |  |         |
| 5055  |                 | -3<br>7/8  |  |         |
| 5056  |                 | -4<br>7/7  |  |         |
| ✓ P/p |                 |            |  |         |

|         |                   |    |      |      |
|---------|-------------------|----|------|------|
|         |                   | -5 | 7/4  | 5057 |
| PR 6227 | B8130A5 - Bk-27-1 |    | 7/10 | 5058 |
|         |                   | -2 | 7/10 | 5059 |
|         |                   | -3 | 7/10 | 5060 |
|         |                   | -4 | 7/11 | 5061 |
|         |                   | -5 | 7/11 | 5062 |
| PR 6231 | B8130A5 - Bk-31-1 |    | 7/12 | 5063 |
|         |                   | -2 | 7/11 | 5064 |



|      |                         |         |  |
|------|-------------------------|---------|--|
|      |                         |         |  |
| 5065 | -3<br>7/10              |         |  |
| 5066 | -4<br>7/10              |         |  |
| 5067 | -5<br>7/10              |         |  |
| 5068 | B8130A5-Bk-32-1<br>7/12 | PR 6232 |  |
| 5069 | -2<br>7/12              |         |  |
| 5070 | -3<br>7/13              |         |  |
| 5071 | -4<br>7/13              |         |  |
| 5072 | -5<br>7/10              |         |  |

|        |                 |      |      |         |
|--------|-----------------|------|------|---------|
| 169    | RU8303169       | 7/9  | 5073 | bK 8/14 |
| PR6234 | B8130A5-BK-34-1 | 7/9  | 5074 | PIP     |
|        | -2              | 7/9  | 5075 |         |
|        | -3              | 7/9  | 5076 |         |
|        | -4              | 7/10 | 5077 |         |
|        | -5              | 7/9  | 5078 |         |
| R6235  | B8130A5-BK-35-1 | 7/6  | 5079 |         |
|        | -2              | 7/5  | 5080 |         |

5081

-3

7/15

5082

-4

7/13

5083

-5

7/16

5084

B8130A5-Bk-36-1

7/13

PR6230

5085

-2

7/13

5086

-3

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5087

-4

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5088

-5

7/14

|        |                 |      |      |
|--------|-----------------|------|------|
| PR6237 | B8130A5-Bk-37-1 | 7/17 | 5089 |
|        | -2              | 7/19 | 5090 |
|        | -3              | 7/18 | 5091 |
|        | -4              | 7/18 | 5092 |
|        | -5              | 7/19 | 5093 |
| PR6238 | B8130A5-Bk-38-1 | 7/19 | 5094 |
|        | -2              | 7/10 | 5095 |
|        | -3              | 7/17 | 5096 |



5097

-4

7/12

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5099

B8130A5-BK-40-1

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PR6241

5100

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5101

-3

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5102

-4

7/15

5103

-5

7/14

✓  
PIP  
5104

B8130A5-BK-42-1

7/13

PR6243

-2

7/14

5105

-3

7/16

5106

P/P

-4

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5107

-5

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5108

P/P

B8130A5-BK-43-1

R6244

7/19

5109

-2

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5110

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5111

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5112

5113

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5114

B8130A5-BK-47-1

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PR6248

5115

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PR6249

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5121

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5122

rip

-5

7/14

5123

BOND

Stg

7/13

5124

bk 8/14

B8130A5-BK-49-1

PR 6250

7/8

5125

-2

7/9

5126

-3

7/8

5127

rip

-4

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5128



5129

-5

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B8130A5-Bk-50-1

5130

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PR 6251

5131

-2

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5132

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5134

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B8130A5-Bk-55-1

5135

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PR 6256

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5139

B8130A5-Bx-56-1

PR 6257

7/13

5140

-2

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5141

-3

7/12

5142

pip ✓

-4

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5143

pip ✓

-5

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5144

B8130A5-Bk-57-1

5145

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PR 6258

5146

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7/13

✓  
Pp

5147

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LBLE

7/12

Fd

bk 8/14

B8130A5-Bk-60-1

5151

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PR 6261

5152

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B8130A5-BK-61-1

PR 6262

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B8130A5-BK-64-1

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PR6265

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B8130A5-BK-65-1

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5168

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|--------|-----------------|----|------|---------|
|        |                 | -4 | 7/11 | 5169    |
|        |                 | -5 | 7/12 | 5170    |
|        |                 |    |      | 11p     |
| PR6268 | B8130A5-BK-67-1 |    | 7/15 | 5171    |
|        |                 | -2 | 7/13 | 5172    |
|        |                 | -3 | 7/16 | 5173    |
|        |                 | -4 | 7/12 | 5174    |
|        |                 | -5 | 7/16 | 5175    |
| 181    | RU8303181       |    | 7/19 | 5176    |
|        |                 |    |      | bk 8/14 |

B8130A5-Bk-72-1

5177

7/10

PR 6273

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5180

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5181

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B8130A5-Bk-73-1

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PR 6274

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PR 6279

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5191

B&amp;I30A5-Bk-80-1

PR 6282

7/17

5192



5193

-2

7/13

5194

-3

7/18

5195

-4

7/20

5196

-5

7/13

5197

B8130A5-BK-81-1

7/12

PR 6283

5198

-2

7/13

5199

-3

7/13

5200

-4

7/13

-5

7/12

5201

B8130A5 - Bx-83-1

R6285

7/8

5202

✓  
np

-2

7/7

5203

-3

7/9

5204

-4

7/5

5205

-5

7/8

5206

✓  
np

B8130A5 - Bx-85-1

R6287

7/9

5207

-2

7/10

5208

5209

-3

7/9

✓ PIP

5210

-4

7/10

✓ PIP

5211

-5

7/10

5212

B8130A5-Bk-87-1

7/9

PR 6289

5213

-2

7/8

5214

-3

7/10

5215

-4

7/9

5216

-5

7/9

|         |                 |      |               |
|---------|-----------------|------|---------------|
| PR 6292 | B8130A5-Bk-90-1 | 7/13 | 5217          |
|         | -2              | 7/10 | 5218          |
|         | -3              | 7/13 | 5219          |
|         | -4              | 7/14 | 5220          |
|         | -5              | 7/12 | 5221<br>pip ✓ |
| PR 6293 | B8130A5-Bk-91-1 | 7/9  | 5222          |
|         | -2              | 7/8  | 5223<br>pip ✓ |
|         | -3              | 7/10 | 5224          |



|      |                         |         |  |
|------|-------------------------|---------|--|
| 5225 | -4<br>7/9               |         |  |
| 5226 | -5<br>7/7               |         |  |
| 5227 | TBNT<br>7/5             | Stg     |  |
| 5228 | B8130A5-Bx-92-1<br>7/10 | PR 6294 |  |
| 5229 | -2<br>7/7               |         |  |
| 5230 | -3<br>7/9               |         |  |
| 5231 | -4<br>7/10              |         |  |
| 5232 | -5<br>7/14              |         |  |

|        |                 |      |      |       |
|--------|-----------------|------|------|-------|
| R 6296 | B8130A5-Bk-94-1 | 7/7  | 5233 | 8/8 ✓ |
|        | -2              | 7/5  | 5234 |       |
|        | -3              | 7/6  | 5235 |       |
|        | -4              | 7/7  | 5236 |       |
|        | -5              | 7/5  | 5237 |       |
| R 6298 | B8130A5-Bk-96-1 | 7/17 | 5238 |       |
|        | -2              | 7/13 | 5239 |       |
|        | -3              | 7/15 | 5240 |       |

5241

-4

7/14

5242

-5

7/15

5243

B8130A5-Bk-97-1

7/10

PR 6299

5244

-2

7/11

5245

-3

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5246

-4

7/12

5247

-5

7/11

5248

B8130A5-Bk-98-1

7/16

PR 6300

-2

7/14

5249

-3

7/17

5250

-4

7/15

5251

-5

7/16

5252

L-202

Biggs

7/3

5253

bx 8/14

B8130A5 - Bk-102-1

PR6304

7/6

5254

-2

7/5

5255

-3

7/8

5256



5257

-4

7/7

5258

-5

7/5

✓  
pip  
5259

B8130A5-BK-107-1

7/6

PR 6309

5260

-2

7/6

5261

-3

7/7

5262

-4

7/6

5263

-5

7/7

5264

B8130A5-BK-111-1

7/9

PR 6313

-2

7/9

5265

-3

7/7

5266

pip ✓

-4

7/8

5267

-5

7/6

5268

B8130A5-Bk-115-1

PR 6317

7/13

5269

-2

7/12

5270

pip ✓

-3

7/13

5271

-4

7/12

5272

5273

-5

7/12

5274

RU8303046

7/10

46

BK 8/14

5275

B8130A5-BK-118-1

7/17

PR6321

5276

-2

7/17

5277

-3

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5278

-4

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5279

-5

7/17

5280

B8130A5-BK-120-1

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PR6323

-2

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5281

-3

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5282

-4

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5283

RIP ✓

-5

7/18

5284

B8130A5-BK-121-1

R 6324

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5285

-2

7/17

5286

-3

7/17

5287

RIP ✓

-4

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5288



5289

-5

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5290

B8130A5-Bk-126-1

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PR6329

5291

-2

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5292

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5293

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5294

-5

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5295

B8130A5-Bk-127-1

7/20

PR6330

5296

-2

7/10

|         |                  |    |      |      |
|---------|------------------|----|------|------|
|         |                  | -3 | 7/11 | 5297 |
|         |                  | -4 | 7/20 | 5298 |
|         |                  | -5 | 7/13 | 5299 |
| PR 6331 | B8130A5-BK-128-1 |    | 7/15 | 5300 |
|         |                  | -2 | 7/10 | 5301 |
|         |                  | -3 | 7/15 | 5302 |
|         |                  | -4 | 7/9  | 5303 |
|         |                  | -5 | 7/9  | 5304 |

|      |                  |            |  |         |
|------|------------------|------------|--|---------|
|      |                  |            |  |         |
| 5305 | B8130A5-Bk-129-1 | 7/13       |  | PR 6332 |
| 5306 |                  | -2<br>7/11 |  |         |
| 5307 |                  | -3<br>7/13 |  |         |
| 5308 |                  | -4<br>7/13 |  |         |
| 5309 |                  | -5<br>7/13 |  |         |
| 5310 | B8130A5-Bk-133-1 | 7/15       |  | PR 6336 |
| 5311 |                  | -2<br>7/13 |  |         |
| 5312 |                  | -3<br>7/14 |  |         |

|         |                        |    |      |      |
|---------|------------------------|----|------|------|
|         |                        | -4 | 7/16 | 5313 |
|         |                        | -5 | 7/15 | 5314 |
| PR 6337 | B8130A5 - Bk - 134 - 1 |    | 7/13 | 5315 |
|         |                        | -2 | 7/12 | 5316 |
|         |                        | -3 | 7/12 | 5317 |
|         |                        | -4 | 7/13 | 5318 |
|         |                        | -5 | 7/13 | 5319 |
| PR 6339 | B8130A5 - Bk - 136 - 1 |    | 7/8  | 5320 |



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5323

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5324

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5325

NWBT

7/13

Stg

bk 8/14

5326

B8130A5-BK-140-1

7/14

PR6343

5327

-2

7/13

✓  
ep

5328

-3

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-4

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5329

-5

7/14

5330

B8130A5-BK-141-1

R6344

7/17

5331

-2

7/15

5332

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5333

-4

7/15

5334

lip ✓

-5

7/14

5335

B8130A5-BK-142-1

R6345

7/14

5336

5337

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5338

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5340

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5341

B8130A5-BK-143-1

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PR 6346

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B8130A5-BK-145-1

PR 6348

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5346

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5348

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5349

-5

7/17

5350

P/P

SKBT

Fd

7/14

5351

BK 8/14

B8130A5-BK-146-1

PR 6349

7/11

5352



5353

-2

7/17

5354

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5357

B8130A5-BK-148-i

7/14

PR6351

5358

-2

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5359

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5360

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5361

B8130A5-BK-151-1

PR 6354

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5364

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5365

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5366

B8130A5-BK-156-1

PR 6359

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5369

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B8130A5-BK-160-1

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PR 6364

5373

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5374

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5375

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5376

-5

7/13

BLMT

Fd

7/9

5377

bk 8/14

B8130A5-Bk-161-1

PR6365

7/14

5378

-2

7/14

5379

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5380

-4

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5381

-5

7/6

5382

P/P

B8130A5-Bk-164-1

PR6368

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5383

P/P

-2

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5384



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5386

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5387

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5388

B8130A5-Bk-165-1

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PR 6369

5389

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5390

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5391

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5392

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✓ 9/10

B8130A5-BK-166-1

PR 6370

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5397

-2

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5394

P/P

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7/16

5395

-4

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5396

-5

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5397

B8130A5-BK-171-1

PR 6375

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5398

P/P

-2

7/13

5399

-3

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5400

5401

-4

7/16-

5402

-5

7/13

5403

B8130A5-Bk-174-1

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PR 6378

5404

-2

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5405

-3

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5406

-4

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5407

-5

7/7

✓ P10

5408

B8130A5-Bk-179-1

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PR 6383

✓ P10

-2

7/13

5409

-3

7/13

5410

-4

7/15

5411

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5412

B8130A5-BK-180-1

R 6384

7/8

5413

-2

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5414

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5415

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5416



5417

-5

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5418

B8130A5-BK-182-1

7/3

PR 6386

5419

-2

7/3

✓  
PR  
5420

-3

7/3

5421

-4

7/11

5422

-5

7/13

5423

CB-801

7/19

1235

5424

B8130A5-BK-185-1

7/16

PR 6389

-2

7/15

5425

-3

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5426

-4

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5427

-5

7/14

5428

B8130A5-BK-190-1

R 6394

7/13

5429

-2

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5430

-3

7/13

5431

-4

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5432

5433

-5

7/12-

5434

B8130A5-BK-192-1

7/11

PR 6396

5435

-2

7/14

5436

-3

7/12

5437

-4

7/14

5438

-5

7/12

5439

B8130A5-BK-193-1

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PR 6397

5440

-2

7/6

-3

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5441

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5442

-5

7/7

5443

B8130A5-BK-195-1

R 6399

7/12

5444

-2

7/13

5445

-3

7/4

5446

-4

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5447

-5

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5448



5449

Toro - 2

7/11 -

Cro

5450

B8130A5-BK2-1

7/16

20002-49

LEAH / LMNT

5451

-2

7/16

5452

-3

7/11

5453

-4

7/10

5454

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7/8

5455

-6

7/11

5456

-7

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-8

7/15

5457

-9

7/13

5458

P<sub>1</sub> ✓

-10

7/12

5459

-11

7/7

5460

P<sub>1</sub> ✓

-12

7/10

5461

-13

7/18

5462

-14

7/17

5463

-15

7/13

5464

5465

B8130A5 - Bk<sub>2</sub> - 16

7/13

✓  
pip  
5466

-17

7/11

5467

-18

7/10

5468

-19

7/14

✓  
pip  
5469

-20

7/8

✓  
pip  
5470

-21

7/10

5471

-22

7/17

5472

-23

7/16

B8130A5-BK<sub>2</sub>-24

7/16

5473

-25

7/17

5474

LBNT

Fd

7/11

5475

bx 8/14

B8130A5-BK<sub>2</sub>-26

7/13

5476

-27

7/14

5477

-28

7/19

5478

P/P ✓

-29

7/19

5479

-30

7/14

5480

P/P ✓



5481

38130A5-Bk<sub>2</sub>-31

7/15-

20002-49

5482

-32

7/13

5483

-33

7/18

5484

-34

7/18

5485

-35

7/14

5486

-36

7/18

5487

-37

7/11

✓  
fir

5488

-38

7/15

B8130A5-Bk<sub>2</sub>-39

7/15

5489

-40

7/16

5490

✓  
Pip

-41

7/17

5491

-42

7/13

5492

-43

7/10

5493

-44

7/13

5494

-45

7/10

5495

✓  
Pip

-46

7/11

5496

B8130A5-Bk<sub>2</sub>-47

5497

7/13-

20002-49

5498

-48

7/14

5499

-49

7/19

5500

-50

7/17

5501

-51

7/16

5502

-52

7/16

5503

-53

7/15

5504

-54

7/19

|          |                             |      |      |
|----------|-----------------------------|------|------|
| 20002-49 | B8130A5-BK <sub>2</sub> -55 | 7/13 | 5505 |
|          | -56                         | 7/17 | 5506 |
|          | -57                         | 7/17 | 5507 |
|          | -58                         | 7/14 | 5508 |
|          | -59                         | 7/15 | 5509 |
|          | -60                         | 7/14 | 5510 |
|          | -61                         | 7/11 | 5511 |
|          | -62                         | 7/10 | 5512 |



5513

B8130A5-Bk<sub>2</sub>-63

7/17

20002-49

5514

-64

7/15

5515

-65

7/8

✓  
PIP  
5516

-66

7/15

5517

-67

7/9

✓  
PIP  
5518

-68

7/9

5519

-69

7/10

✓  
PIP  
5520

-70

7/10

|          |                             |      |                  |
|----------|-----------------------------|------|------------------|
| 20002-49 | B8130A5-B <sub>K2</sub> -71 | 7/16 | 5521<br>pip ✓    |
|          | -72                         | 7/19 | 5522             |
|          | -73                         | 7/10 | 5523<br>✓<br>pip |
|          | -74                         | 7/15 | 5524             |
| 52       | RU8003050                   | 7/19 | 5525<br>lot 8/14 |
|          | B8130A5-B <sub>K2</sub> -75 | 7/16 | 5526             |
|          | -76                         | 7/16 | 5527             |
|          | -77                         | 7/13 | 5528             |

B8130A5-BK<sub>2</sub>-78

5529

7/12

20002-49

5530

-79

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5531

-80

7/12

5532

-81

7/9

5533

-82

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5534

-83

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5535

-84

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5536

-85

7/12

|          |                             |      |               |
|----------|-----------------------------|------|---------------|
| 20002-49 | B8130A5-BK <sub>2</sub> -86 | 7/13 | 5537          |
|          | -87                         | 7/14 | 5538          |
|          | -88                         | 7/17 | 5539<br>P/P ✓ |
|          | -89                         | 7/17 | 5540<br>P/P ✓ |
|          | -90                         | 7/15 | 5541          |
|          | -91                         | 7/10 | 5542          |
|          | -92                         | 7/16 | 5543          |
|          | -93                         | 7/16 | 5544          |



|      |                             |       |          |
|------|-----------------------------|-------|----------|
| 5545 | B8130A5-Bk <sub>2</sub> -94 | 7/11- | 20002-49 |
|------|-----------------------------|-------|----------|

|      |     |     |  |
|------|-----|-----|--|
| 5546 | -95 | 7/9 |  |
|------|-----|-----|--|

|      |     |     |  |
|------|-----|-----|--|
| 5547 | -96 | 7/8 |  |
|------|-----|-----|--|

|      |     |     |  |
|------|-----|-----|--|
| 5548 | -97 | 7/9 |  |
|------|-----|-----|--|

|      |     |      |  |
|------|-----|------|--|
| 5549 | -98 | 7/11 |  |
|------|-----|------|--|

|      |            |      |    |
|------|------------|------|----|
| 5550 | Starbonnet | 7/22 | 76 |
|------|------------|------|----|

|      |                             |      |  |
|------|-----------------------------|------|--|
| 5551 | B8130A5-Bk <sub>2</sub> -99 | 7/13 |  |
|------|-----------------------------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5552 | -100 | 7/13 |  |
|------|------|------|--|

|          |                              |      |      |
|----------|------------------------------|------|------|
| 20002-49 | B8130A5-Bk <sub>2</sub> -101 | 7/17 | 5553 |
|          | -102                         | 7/12 | 5554 |
|          | -103                         | 7/18 | 5555 |
|          | -104                         | 7/17 | 5556 |
|          | -105                         | 7/16 | 5557 |
|          | -106                         | 7/10 | 5558 |
|          | -107                         | 7/11 | 5559 |
|          | -108                         | 7/14 | 5560 |

5561

B8130A5-Bk<sub>2</sub>-109

7/19 -

20002-49

5562

-110

7/14

5563

-111

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5564

-112

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-113

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5566

-114

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-115

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-116

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|         |                              |      |      |          |
|---------|------------------------------|------|------|----------|
| 0002-49 | B8130A5-BK <sub>2</sub> -117 | 7/12 | 5569 | ✓<br>P/P |
|         | -118                         | 7/9  | 5570 | ✓<br>P/P |
|         | -119                         | 7/9  | 5571 | ✓<br>P/P |
|         | -120                         | 7/8  | 5572 |          |
|         | -121                         | 7/12 | 5573 |          |
|         | -122                         | 7/12 | 5574 |          |
| 8021    | DLLA                         | 7/9  | 5575 | br 8/14  |
|         | B8130A5-BK <sub>2</sub> -123 | 7/6  | 5576 | ✓<br>P/P |



5577

B8130A5-Bk<sub>2</sub>-124

7/9 -

20002-49

✓ Pip

5578

-125

7/12

5579

-126

7/9

5580

-127

7/9

5581

-128

7/17

5582

-129

7/13

✓ Pip

5583

-130

7/16

5584

-131

7/17

|         |                              |      |      |
|---------|------------------------------|------|------|
| 0002-49 | B8130A5-BK <sub>2</sub> -132 | 7/17 | 5585 |
|         | -133                         | 7/11 | 5586 |
|         | -134                         | 7/10 | 5587 |
|         | -135                         | 7/12 | 5588 |
|         | -136                         | 7/11 | 5589 |
|         | -137                         | 7/8  | 5590 |
|         | -138                         | 7/13 | 5591 |
|         | -139                         | 7/14 | 5592 |

5593

B8130A5-Bk<sub>2</sub>-140

7/9-

20002-49

5594

-141

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5595

-142

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5596

-143

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5597

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5598

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5599

-146

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5600

-147

7/17

Seeded 4/11/84

S-4, 19W

39

|         |                              |      |               |
|---------|------------------------------|------|---------------|
| 0002-49 | B8130A5-B <sub>k2</sub> -148 | 7/13 | 5601          |
|         | -149                         | 7/18 | 5602          |
|         | -150                         | 7/17 | 5603          |
|         | -151                         | 7/19 | 5604          |
|         | -152                         | 7/12 | 5605<br>rip ✓ |
|         | -153                         | 7/19 | 5606<br>rip ✓ |
|         | -154                         | 7/11 | 5607          |
|         | -155                         | 7/17 | 5608          |



5609

B8130A5-Bk<sub>2</sub>-156

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20002-49

5610

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5611

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5612

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-162

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5616

-163

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|         |                              |      |       |
|---------|------------------------------|------|-------|
| 0002-49 | B8130A5-B <sub>k2</sub> -164 | 7/16 | 5617  |
|         | -165                         | 7/20 | 5618  |
|         | -166                         | 7/8  | 5619  |
|         | -167                         | 7/12 | 5620  |
|         | -168                         | 7/8  | 5621  |
|         |                              |      | P1P ✓ |
|         | -169                         | 7/8  | 5622  |
|         | -170                         | 7/8  | 5623  |
|         | -171                         | 7/15 | 5624  |

LBLE

5625

7/2

Fd

bic 8/14

B8130A5 - Bk<sub>2</sub> - 172

5626

7/6

20002-49

5627

-173

7/7

✓ P1p

5628

-174

7/9

5629

-175

7/12

5630

-176

7/12

5631

-177

7/16

5632

-178

7/17

20002-49

B8130A5-B<sub>K2</sub>-179

7/14

5633

-180

7/15

5634

-181

7/17

5635

-182

7/10

5636

-183

7/16

5637

-184

7/11

5638

-185

7/14

5639

-186

7/9

5640

PK ✓



B8130A5-Bk<sub>2</sub>-187

5641

7/9

20002-49

5642

-188

7/11

5643

-189

7/17

5644

-190

7/15

5645

-191

7/16

5646

-192

7/12

5647

-193

7/10

5648

-194

7/9

|         |                              |      |      |
|---------|------------------------------|------|------|
| 0002-49 | B8130A5-B <sub>K2</sub> -195 | 7/13 | 5649 |
| 11000   | LBLE-X2-2                    | 7/16 | 5650 |
| 0002-49 | B8130A5-B <sub>K2</sub> -196 | 7/15 | 5651 |
|         | -197                         | 7/11 | 5652 |
|         | -198                         | 7/14 | 5653 |
|         | -199                         | 7/17 | 5654 |
|         | -200                         | 7/13 | 5655 |
|         | -201                         | 7/14 | 5656 |

B8130A5-B<sub>K2</sub>-202

5657

7/14

20002-49

-203

5658

7/7

-204

5659

7/14

-205

5660

7/6

-206

5661

7/8

-207

5662

7/8

-208

5663

7/6

-209

5664

7/10

|          |                              |      |               |
|----------|------------------------------|------|---------------|
| 20002-49 | B8130A5-Bk <sub>2</sub> -210 | 7/16 | 5665          |
|          | -211                         | 7/13 | 5666          |
|          | -212                         | 7/13 | 5667          |
|          | -213                         | 7/13 | 5668          |
|          | -214                         | 7/11 | 5669          |
|          | -215                         | 7/13 | 5670<br>x/p ✓ |
|          | -216                         | 7/13 | 5671          |
|          | -217                         | 7/16 | 5672          |



B8130A5-B<sub>K2</sub>-218

5673

7/13

20002-49

-219

5674

7/12

✓  
PIP

RU8003005

5675

7/15

3

bx 2/14

B8130A5-B<sub>K2</sub>-220

5676

7/17

20002-49

✓  
PIP

-221

5677

7/11

-222

5678

7/9

✓  
PIP

-223

5679

7/13

-224

5680

7/17

|          |                              |      |      |
|----------|------------------------------|------|------|
| 20002-49 | B8130A5-B <sub>K2</sub> -225 | 7/17 | 5681 |
|          |                              |      | P/P  |
|          | -226                         | 7/17 | 5682 |
|          | -227                         | 7/10 | 5683 |
|          | -228                         | 7/17 | 5684 |
|          | -229                         | 7/12 | 5685 |
|          | -230                         | 7/12 | 5686 |
|          | -231                         | 7/17 | 5687 |
|          | -232                         | 7/17 | 5688 |

5689

B8130A5-Bk<sub>2</sub>-233

7/12

20002-49

✓  
PIP

5690

-234

7/14

5691

-235

7/17

5692

-236

7/16

5693

-237

7/18

✓  
PIP

5694

-238

7/13

✓  
PIP

5695

-239

7/17

5696

-240

7/16

|         |                              |      |               |
|---------|------------------------------|------|---------------|
| 0002-49 | B8130A5-B <sub>K2</sub> -241 | 7/16 | 5697          |
|         | -242                         | 7/14 | 5698          |
|         | -243                         | 7/13 | 5699          |
|         | -244                         | 7/13 | 5700<br>P/P ✓ |
|         | -245                         | 7/16 | 5701          |
|         | -246                         | 7/9  | 5702<br>P/P ✓ |
|         | -247                         | 7/16 | 5703          |
|         | -248                         | 7/10 | 5704<br>P/P ✓ |



5705

B8130A5-B<sub>K2</sub>-249

7/14

20002-49

5706

-250

7/16

5707

-251

7/12

5708

-252

7/11

5709

-253

7/15

5710

-254

7/11

5711

-255

7/17

5712

-256

7/10

|         |                              |      |      |       |
|---------|------------------------------|------|------|-------|
| 0002-49 | B8130A5-Bk <sub>2</sub> -257 | 7/10 | 5713 | rip ✓ |
|         | -258                         | 7/15 | 5714 |       |
|         | -259                         | 7/19 | 5715 | rip ✓ |
|         | -260                         | 7/17 | 5716 | rip ✓ |
|         | -261                         | 7/18 | 5717 | rip ✓ |
|         | -262                         | 7/13 | 5718 |       |
|         | -263                         | 7/13 | 5719 |       |
|         | -264                         | 7/19 | 5720 |       |

5721

pip

B8130A5-Bk<sub>2</sub>-265

7/11-

20002-49

5722

-266

7/13

5723

-267

7/9

5724

-268

7/10

5725

RU8303116 ?

7/12

116

~~No 8~~

5726

B8130A5-Bk<sub>2</sub>-269

7/15

5727

-270

7/12

5728

-271

7/10

0002-49

B8130A5 - B<sub>K2</sub> - 272

7/14

5729

-273

7/14

5730

-274

7/14

5731

-275

7/12

5732

-276

7/13

5733

-277

7/15

5734

-278

7/14

5735

-279

7/15

5736



B8130A5-BK<sub>2</sub>-280

5737

7/14

20002-49

5738

-281

7/11

✓  
pip  
5739

-282

7/13

5740

-283

7/9

5741

-284

7/15

late but better  
excretion

5742

-285

7/20

✓  
pip  
late but better  
excretion for  
DS

5743

-286

7/13

5744

-287

7/10

|         |                              |         |      |
|---------|------------------------------|---------|------|
| 0002-49 | B8130A5-Bk <sub>2</sub> -288 | 7/10    | 5745 |
|         | -289                         | 7/9     | 5746 |
|         | -290                         | 7/16    | 5747 |
|         | -291                         | 7/15    | 5748 |
|         | -292                         | 7/16    | 5749 |
| Fd      | LMNT                         | 7/12    | 5750 |
|         |                              | br 8/14 |      |
| 0002-49 | B8130A5-Bk <sub>2</sub> -293 | 7/13    | 5751 |
|         | -294                         | 7/16    | 5752 |

5753

B8130A5-Bk<sub>2</sub>-295

7/11-

20002-49

5754

-296

7/12

5755

-297

7/10

5756

-298

7/16

5757

-299

7/13

5758

-300

7/4

5759

-301

7/15

5760

-302

7/5

|          |                              |      |                   |
|----------|------------------------------|------|-------------------|
| 20002-49 | B8130A5-B <sub>K2</sub> -303 | 7/12 | 5761              |
|          | -304                         | 7/17 | 5762<br>np ✓      |
|          | -305                         | 7/13 | 5763              |
|          | -306                         | —    | 5764<br>No plants |
|          | -307                         | 7/11 | 5765              |
|          | -308                         | 7/20 | 5766              |
|          | -309                         | 7/20 | 5767              |
|          | -310                         | 7/14 | 5768              |



|      |                              |      |          |
|------|------------------------------|------|----------|
| 5769 | B8130A5-Bk <sub>2</sub> -311 | 7/12 | 20002-49 |
|------|------------------------------|------|----------|

|      |      |      |  |
|------|------|------|--|
| 5770 | -312 | 7/14 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5771 | -313 | 7/12 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5772 | -314 | 7/18 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5773 | -315 | 7/13 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5774 | -316 | 7/12 |  |
|------|------|------|--|

|      |             |      |      |
|------|-------------|------|------|
| 5775 | Early Belle | 7/25 | 2029 |
|------|-------------|------|------|

|      |                              |      |  |
|------|------------------------------|------|--|
| 5776 | B8130A5-Bk <sub>2</sub> -317 | 7/15 |  |
|------|------------------------------|------|--|

|          |                              |      |               |
|----------|------------------------------|------|---------------|
| 20002-49 | B8130M5-B <sub>15</sub> -318 | 7/16 | 5777          |
|          | -319                         | 7/12 | 5778<br>rip ✓ |
|          | -320                         | 7/13 | 5779          |
|          | -321                         | 7/13 | 5780<br>rip ✓ |
|          | -322                         | 7/14 | 5781          |
|          | -323                         | 7/12 | 5782<br>rip ✓ |
|          | -324                         | 7/16 | 5783          |
|          | -325                         | 7/15 | 5784          |

B8130A5-Bk<sub>2</sub>-326

5785

7/17

20002-49

5786

-327

7/9

5787

-328

7/13

5788

-329

7/16

5789

-330

7/13

5790

-331

7/13

5791

-332

7/14

5792

-333

7/15

|         |                              |      |      |          |
|---------|------------------------------|------|------|----------|
| 0002-49 | B8130A5-Bk <sub>2</sub> -334 | 7/9  | 5793 | ✓<br>p/p |
|         | -335                         | 7/13 | 5794 |          |
|         | -336                         | 7/17 | 5795 |          |
|         | -337                         | 7/12 | 5796 | ✓<br>p/p |
|         | -338                         | 7/13 | 5797 |          |
|         | -339                         | 7/9  | 5798 | ✓<br>p/p |
|         | -340                         | 7/17 | 5799 |          |
|         | -341                         | 7/18 | 5800 |          |



B8130A5-Bk<sub>2</sub>-342

5801

7/15-

20002-49

5802

-343

7/19

5803

-344

7/16

✓  
8/18  
5804

-345

7/8

5805

-346

7/16

5806

-347

7/7

5807

-348

7/13

✓  
8/18  
5808

-349

7/10

20002-49

B8130A5-B<sub>K2</sub>-350

7/10

5809

P/P ✓

-351

7/12

5810

-352

7/13

5811

-353

7/8

5812

P/P ✓

-354

7/10

5813

P/P ✓

-355

7/14

5814

-356

7/9

5815

-357

7/10

5816

P/P ✓

|      |                               |      |          |
|------|-------------------------------|------|----------|
| 5817 | B8130A5-Bk <sub>2</sub> - 358 | 7/11 | 20002-49 |
|------|-------------------------------|------|----------|

|      |      |      |  |
|------|------|------|--|
| 5818 | -359 | 7/17 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5819 | -360 | 7/10 |  |
|------|------|------|--|

✓ P/P

|      |      |      |  |
|------|------|------|--|
| 5820 | -361 | 7/15 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5821 | -362 | 7/17 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5822 | -363 | 7/11 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5823 | -364 | 7/16 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5824 | -365 | 7/15 |  |
|------|------|------|--|

|          |                             |                 |      |
|----------|-----------------------------|-----------------|------|
| Fd       | NWRX                        | <del>7/15</del> | 5825 |
|          | Dwf; n + NWRX <sup>0</sup>  |                 |      |
| 20002-49 | B8130A5-B <sub>2</sub> -366 | 7/15            | 5826 |
|          | -367                        | 7/16            | 5827 |
|          | -368                        | 7/9             | 5828 |
|          | -369                        | 7/10            | 5829 |
|          | -370                        | 7/16            | 5830 |
|          | -371                        | 7/16            | 5831 |
|          | -372                        | 7/9             | 5832 |



5833

B8130A5-B<sub>K2</sub>-373

7/16

20002-49

5834

-374

7/9

✓ PIP

5835

-375

7/12

✓ PIP

5836

-376

7/13

5837

-377

7/12

✓ PIP

5838

-378

7/14

5839

-379

7/10

✓ PIP

5840

-380

7/13

|         |                              |      |      |          |
|---------|------------------------------|------|------|----------|
| 0002-49 | 38130A5-Bk <sub>2</sub> -381 | 7/13 | 5841 | ✓<br>pip |
|         | -382                         | 7/16 | 5842 |          |
|         | -383                         | 7/14 | 5843 |          |
|         | -384                         | 7/13 | 5844 | ✓<br>pip |
|         | -385                         | 7/14 | 5845 |          |
|         | -386                         | 7/8  | 5846 | ✓<br>pip |
|         | -387                         | 7/14 | 5847 |          |
|         | -388                         | 7/11 | 5848 | ✓<br>pip |

|      |                              |     |          |
|------|------------------------------|-----|----------|
| 5849 | B8130A5-Bk <sub>2</sub> -389 | 7/9 | 20002-49 |
|------|------------------------------|-----|----------|

|      |      |      |     |
|------|------|------|-----|
| 5850 | NWBT | 7/14 | Stg |
|------|------|------|-----|

|      |                              |      |  |
|------|------------------------------|------|--|
| 5851 | B8130A5-Bk <sub>2</sub> -390 | 7/13 |  |
|------|------------------------------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5852 | -391 | 7/16 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5853 | -392 | 7/14 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5854 | -393 | 7/12 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5855 | -394 | 7/10 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 5856 | -395 | 7/11 |  |
|------|------|------|--|

✓  
8/10

|          |                              |      |              |
|----------|------------------------------|------|--------------|
| 20002-49 | B8130A5-Bk <sub>2</sub> -396 | 7/15 | 5857         |
|          | -397                         | 7/12 | 5858         |
|          | -398                         | 7/11 | 5859         |
|          | -399                         | 7/10 | 5860         |
|          | -400                         | 7/9  | 5861         |
|          | -401                         | 7/13 | 5862<br>9p ✓ |
|          | -402                         | 7/15 | 5863         |
|          | -403                         | 7/9  | 5864         |



5865

B8130A5-BK<sub>2</sub>-404

7/13

20002-4

5866

-405

7/5

5867

-406

7/16

5868

-407

7/16

5869

-408

7/8

✓  
P18

5870

-409

7/11

5871

-410

7/13

5872

-411

7/14

|          |                              |      |                  |
|----------|------------------------------|------|------------------|
| 20002-49 | B8130A5-Bk <sub>2</sub> -412 | 7/15 | 5873             |
|          | -413                         | 7/16 | 5874<br>✓<br>P/P |
| Cro      | LEAH                         | 7/12 | 5875<br>bk 2114  |
| 20002-49 | B8130A5-Bk <sub>2</sub> -414 | 7/13 | 5876             |
|          | -415                         | 7/9  | 5877             |
|          | -416                         | 7/16 | 5878             |
|          | -417                         | 7/11 | 5879             |
|          | -418                         | 7/7  | 5880<br>P/P      |

5881

B8130A5-Bk<sub>2</sub>-419

7/17

20002-49

5882

-420

7/13

5883

-421

7/9

✓ P/p

5884

-422

7/7

5885

-423

7/8

5886

-424

7/8

✓ P/p

5887

-425

7/17

5888

-426

7/14

✓ P/p

|          |                              |      |                                |
|----------|------------------------------|------|--------------------------------|
| 20002-49 | B8130A5-BK <sub>2</sub> -427 | 7/19 | 5889                           |
|          | -428                         | 7/10 | 5890<br>p/p                    |
|          | -429                         | 7/13 | 5891                           |
|          | -430                         | 7/16 | 5892                           |
|          | -431                         | 7/11 | 5893<br>bitter cartoon?<br>p/p |
|          | -432                         | 7/16 | 5894                           |
|          | -433                         | 7/17 | 5895                           |
|          | -434                         | 7/17 | 5896                           |



5897

B8130A5-BK<sub>2</sub>-435

7/20

20002-49

5898

-436

7/9

5899

-437

7/13

5900

-438

7/16

start after PR  
moving numbers  
6201-6399

✓  
pip  
5901

B8130A5-BK-196

7/7

4962-99

5902

-197

7/9

5903

-198

7/6

5904

-199

7/9

B8130A5 - Bk - 200

4962-99

7/12

5905

-201

7/9

5906

-202

7/10

5907

-203

7/9

5908

-204

7/9

5909

✓  
p/p

-205

7/12

5910

-206

7/13

5911

-207

7/15

5912

B8130A5-Bk-208

5913

7/6

4962-99

5914

-209

7/4

5915

-210

7/3

5916

-211

7/16

5917

-212

7/16

5918

-213

7/15

5919

-214

7/7

5920

-215

7/16

|         |                    |          |      |
|---------|--------------------|----------|------|
| 4962-99 | B8130A5 - Bk - 216 | 7/19     | 5921 |
|         | -217               | 7/12     | 5922 |
|         | -218               | 7/11     | 5923 |
|         | -219               | 7/10     | 5924 |
| Fd      | BLMT               | 7/10     | 5925 |
|         |                    | has 8/14 |      |
| 4962-99 | B8130A5 - Bk - 220 | 7/10     | 5926 |
|         | -221               | 7/17     | 5927 |
|         | -222               | 7/9      | 5928 |
|         |                    | pp       | ✓    |



B8130A5-Bk-223

5929

7/19 -

4962-99

-224

5930

7/19

✓ Pp

-225

5931

7/10

-226

5932

7/20

-227

5933

7/10

-228

5934

7/19

-229

5935

7/17

-230

5936

7/13

✓ Pp

962-99

B8130A5-Bk-231

7/9

5937

-232

7/7

5938

up ✓

-233

7/10

5939

-234

7/10

5940

-235

7/8

5941

-236

7/9

5942

-237

7/13

5943

-238

7/15

5944

5945

B8130A5-Bk-239

7/7-

4962-99

✓ P/P

5946

-240

7/5

5947

-241

7/7

5948

-242

7/9

5949

-243

7/9

5950

RU8303046

7/9

46

bK 8/14

5951

B8130A5-Bk-244

7/16

4962-99

5952

-245

7/11

✓ P/P

|        |                |      |               |
|--------|----------------|------|---------------|
| 962-99 | B8130A5-BK-246 | 7/9  | 5953          |
|        | -247           | 7/15 | 5954          |
|        | -248           | 7/10 | 5955          |
|        | -249           | 7/10 | 5956          |
|        | -250           | 7/9  | 5957          |
|        | -251           | 7/9  | 5958<br>p/p ✓ |
|        | -252           | 7/12 | 5959          |
|        | -253           | 7/10 | 5960<br>p/p ✓ |



B8130A5-Bk-254

5961

7/7

4962-99

✓ P/P

-255

5962

7/8

-256

5963

7/9

✓ P/P

-257

5964

7/13

-258

5965

7/12

-259

5966

7/12

-260

5967

7/10

-261

5968

7/9

|         |                |      |                  |
|---------|----------------|------|------------------|
| 1962-99 | B8130A5-Bk-262 | 7/9  | 5969             |
|         | -263           | 7/5  | 5970<br>✓<br>pip |
|         | -264           | 7/7  | 5971             |
|         | -265           | 7/9  | 5972<br>✓<br>pip |
|         | -266           | 7/9  | 5973             |
|         | -267           | 7/17 | 5974             |
| Stg     | BOND           | 7/4  | 5975<br>bk 5/14  |
| 1962-99 | B8130A5-Bk-268 | 7/12 | 5976             |

B8130A5-BK-269

5977

7/14

4962-99

5978

-270

7/6

5979

-271

7/13

5980

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|         |                |      |      |
|---------|----------------|------|------|
| 1962-99 | B8130A5-Bk-277 | 7/14 | 5985 |
|         | -278           | 7/10 | 5986 |
|         | -279           | 7/9  | 5987 |
|         | -280           | 7/10 | 5988 |
|         | -281           | 7/9  | 5989 |
|         | -282           | 7/8  | 5990 |
|         | -283           | 7/6  | 5991 |
|         | -284           | 7/12 | 5992 |



B8130A5-Bk-285

5993

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4962-99

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5999

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6000

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4962-99

B8130A5-BK-293

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6001

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6002

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6003

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6008

B8130A5-Bk-301

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4962-99

6010

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6011

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6012

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6013

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6016

-308

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|         |                |      |                   |
|---------|----------------|------|-------------------|
| 4962-99 | B8130A5-Bk-309 | 7/5  | 6017              |
|         | -310           | 7/10 | 6018              |
|         |                |      | P <sub>18</sub> ✓ |
|         | -311           | 7/6  | 6019              |
|         | -312           | 7/9  | 6020              |
|         | -313           | 7/13 | 6021              |
|         | -314           | 7/15 | 6022              |
|         | -315           | 7/10 | 6023              |
|         | -316           | 7/11 | 6024              |



|      |      |     |     |
|------|------|-----|-----|
| 6025 | TBNT | 7/7 | Stg |
|------|------|-----|-----|

bK 8/14

|      |                |      |         |
|------|----------------|------|---------|
| 6026 | B8130A5-BK-317 | 7/16 | 4962-99 |
|------|----------------|------|---------|

|      |      |      |  |
|------|------|------|--|
| 6027 | -318 | 7/13 |  |
|------|------|------|--|

|      |      |     |  |
|------|------|-----|--|
| 6028 | -319 | 7/8 |  |
|------|------|-----|--|

|      |      |     |  |
|------|------|-----|--|
| 6029 | -320 | 7/7 |  |
|------|------|-----|--|

|      |      |      |  |
|------|------|------|--|
| 6030 | -321 | 7/10 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6031 | -322 | 7/10 |  |
|------|------|------|--|

✓ P1P

|      |      |      |  |
|------|------|------|--|
| 6032 | -323 | 7/11 |  |
|------|------|------|--|

|         |                    |      |              |
|---------|--------------------|------|--------------|
| 4962-99 | B8130A5 - Bk - 324 | 7/18 | 6033         |
|         | -325               | 7/14 | 6034         |
|         | -326               | 7/10 | 6035<br>np ✓ |
|         | -327               | 7/10 | 6036         |
|         | -328               | 7/15 | 6037         |
|         | -329               | 7/15 | 6038         |
|         | -330               | 7/14 | 6039         |
|         | -331               | 7/7  | 6040<br>np ✓ |

B8130A5-Bk -332

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4962-99

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6048

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|         |                |     |         |
|---------|----------------|-----|---------|
| 4962-99 | BS130A5-BK-340 | 7/8 | 6049    |
| Fd      | 5KBT           | 7/7 | 6050    |
|         |                |     | bK 8/14 |
| 4962-99 | BS130A5-BK-341 | 7/7 | 6051    |
|         | -342           | 7/8 | 6052    |
|         | -343           | 7/7 | 6053    |
|         |                |     | P/P ✓   |
|         | -344           | 7/6 | 6054    |
|         | -345           | 7/7 | 6055    |
|         | -346           | 7/9 | 6056    |



B8130A5-Bk-347

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4962-99

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6064

-354

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|         |                    |      |               |
|---------|--------------------|------|---------------|
| 4962-99 | B8130A5 - Bk - 355 | 7/5  | 6065          |
|         | -356               | 7/7  | 6066          |
|         | -357               | 7/9  | 6067<br>P/P ✓ |
|         | -358               | 7/14 | 6068          |
|         | -359               | 7/14 | 6069          |
|         | -360               | 7/15 | 6070<br>P/P ✓ |
|         | -361               | 7/11 | 6071          |
|         | -362               | 7/10 | 6072          |

|         |                |      |         |
|---------|----------------|------|---------|
| 6073    | B8130A5-Bk-363 | 7/13 | 4962-99 |
| ✓ Pip   |                |      |         |
| 6074    | -364           | 7/15 |         |
|         |                |      |         |
| 6075    | L-202          | 7/3  | Biggs   |
| bx 8/14 |                |      |         |
| 6076    | B8130A5-Bk-365 | 7/8  | 4962-99 |
|         |                |      |         |
| 6077    | -366           | 7/10 |         |
|         |                |      |         |
| 6078    | -367           | 7/13 |         |
|         |                |      |         |
| 6079    | -368           | 7/9  |         |
| ✓ Pip   |                |      |         |
| 6080    | -369           | 7/8  |         |

|         |                |      |       |
|---------|----------------|------|-------|
| 4962-99 | B8130A5-Bx-370 | 7/11 | 6081  |
|         | -371           | 7/9  | 6082  |
|         |                |      | PIP   |
|         | -372           | 7/11 | 6083  |
|         | -373           | 7/10 | 6084  |
|         | -374           | 7/9  | 6085  |
|         |                |      | PIP ✓ |
|         | -375           | 7/9  | 6086  |
|         | -376           | 7/15 | 6087  |
|         | -377           | 7/10 | 6088  |



6089

B8130A5-Bk-378

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4962-9

6090

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6096

-385

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✓ P/P

|         |                      |      |      |
|---------|----------------------|------|------|
| 1962-99 | B8130A5 - Bk - 386   | 7/15 | 6097 |
|         | -387                 | 7/10 | 6098 |
|         | -388                 | 7/9  | 6099 |
|         | -389                 | 7/13 | 6100 |
| R 6405  | B8134A1 - Bk - 5 - 1 | 7/25 | 6101 |
|         | B786A3 F, / LMNT     |      |      |
|         | -2                   | 7/7  | 6102 |
|         | -3                   | 7/18 | 6103 |
|         | -4                   | 7/9  | 6104 |

poor extraction

6105

-5

7/9

6106

B8134A1-Bk-8-1

7/11

PR6408

6107

-2

7/12

6108

-3

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6109

-4

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6110

-5

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6111

B8134A1-Bk-9-1

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PR6409

6112

-2

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-3

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6113

*poor extraction*

-4

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6114

-5

7/10

6115

B8134A1-Bk-11-1

R 6411

7/25

6116

-2

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6117

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6118

-4

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6119

-5

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6120



6121

B8134A1-Bk-13-1

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PR 6413

6122

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6123

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6124

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6125

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6126

RU8303181

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181

6127

B8134A1-Bk-17-1

7/23

PR 6417

6128

-2

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6129

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6130

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6131

B8134A1-BK-20-1

PR 6420

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6132

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6133

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6134

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6135

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6136

B8134A1-Bk-21-1

6137

7/10 -

PR 6421

6138

-2

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6139

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6140

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PR

6141

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B8134A1-Bk-24-1

6142

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PR 6424

6143

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6144

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✓ 9/9



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6145

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6146

B8134A1-Bk-27-1

PR 6427

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6147

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6148

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6149

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6150

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6151

CB 801

1235

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6152



B8134A1-Bk-30-1

6153

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PR6430

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6154

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6155

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6157

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B8134A1-Bk-31-1

6158

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PR6431

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6159

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6160

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6161

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6162

B8134A1-Bk-36-1

PR 6436

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6163

-2

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6164

P/P

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6165

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6166

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6167

B8134A1-Bk-38-1

PR 6438

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6168

6169

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6170

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6171

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6172

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✓ PIP  
6173

BLPT

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6778

6174

B8134A1-BK-41-1

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PR 6442

6175

-2

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6176

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✓ PIP

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6177

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6178

B8134A1-Bk-43-1

PR 6444

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6179

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6180

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6181

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6182

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6183

B8134A1-Bk-45-1

PR 6446

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6184



6185

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6186

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6187

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6188

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6189

B8134A1-Bk-48-1

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PR 6449

6190

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6191

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6192

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6197

B8134A1-BK-49-1

PR 6450

7/10

6194

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6195

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6197

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6198

LBLE-X2-1

82/2155

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6199

CT 9902

2040

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6200

Seeded

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S-4, 18 W

B8134A1-Bk-54-1

6201

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PR 6455

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6202

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6203

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6204

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6205

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B8134A1-Bk-56-1

6206

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PR 6457

-2

6207

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6208

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|         |                 |    |      |      |
|---------|-----------------|----|------|------|
|         |                 | -4 | 7/21 | 6209 |
|         |                 | -5 | 7/12 | 6210 |
| PR 6460 | B8134A1-Bk-59-1 |    | 7/18 | 6211 |
|         |                 | -2 | 7/18 | 6212 |
|         |                 | -3 | 7/18 | 6213 |
|         |                 | -4 | 7/15 | 6214 |
|         |                 | -5 | 7/18 | 6215 |
| PR 6461 | B8134A1-Bk-60-1 |    | 7/19 | 6216 |



6217

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6221

B8134A1-Bx-68-1

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PR6469

6222

-2

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6223

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6224

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|         |                 |      |      |
|---------|-----------------|------|------|
|         | -5              | 7/16 | 6225 |
| Fd      | LMNT            | 7/14 | 6226 |
| R 6481  | B8134A1-Bk-79-1 | 7/14 | 6227 |
|         | -2              | 7/14 | 6228 |
|         | -3              | 7/18 | 6229 |
|         | -4              | 7/18 | 6230 |
|         | -5              | 7/16 | 6231 |
| PR 6487 | B8134A1-Bk-85-1 | 7/19 | 6232 |

6233

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6234

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6235

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6236

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✓  
PR  
6237

BS134A1-BK-90-1

7/19

PR6492

6238

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6239

-3

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✓  
PR  
6240

-4

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6241

B8134A1-Bk-102-1

PR 6504

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6242

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6243

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6244

9/18

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6245

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6246

B8134A1-Bk-109-1

PR 6511

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6247

-2

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6248



6249

-3

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✓ PIP

6250

-4

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6251

-5

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6252

RU8303169

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169

6253

B8134A1-Bk-113-1

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PR6515

6254

-2

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6255

-3

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6256

-4

7/9

✓ ER

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6257

B8134A1-BK-126-1

R6529

7/11

6258

-2

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6259

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6260  
✓  
1/2

-4

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6261

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6262

B8134A1-BK-127-1

R6530

7/16

6263

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6264

6265

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6266

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6267

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6268

38134A1-Bk-130-1

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PR6533

6269

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6270

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6271

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6272

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6273

B8134A1-BK-131-1

PR 6534

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6276

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6278

B8134A1-BK-136-1

PR 6539

7110

6279

2

711

6280

312



6281

-3

7/12

6282

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6283

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6284

B8134A1-Bx-139-1

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PR6542

6285

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6286

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6287

-4

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6288

-5

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✓ file

|         |                  |      |                  |
|---------|------------------|------|------------------|
| PR 6547 | B8134A1-Bk-144-1 | 7/9  | 6289             |
|         | -2               | 7/11 | 6290             |
|         | -3               | 7/12 | 6291             |
|         | -4               | 7/13 | 6292             |
|         | -5               | 7/13 | 6293<br>✓<br>P/P |
| PR 6553 | B8134A1-Bk-150-1 | 7/13 | 6294<br>✓<br>P/P |
|         | -2               | 7/14 | 6295             |
|         | -3               | 7/14 | 6296             |

6297

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6298

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6299

B8134A1-Bk-156-1

7/14

PR 6559

6300

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6301

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6302

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6304

B8134A1-Bk<sub>2</sub>-1

7/13

20152-99

|         |                            |      |               |
|---------|----------------------------|------|---------------|
| 0152-99 | B8134A1-Bk <sub>2</sub> -2 | 7/17 | 6305          |
|         | -3                         | 7/17 | 6306          |
|         | -4                         | 7/14 | 6307<br>9/p ✓ |
|         | -5                         | 7/16 | 6308          |
|         | -6                         | 7/13 | 6309<br>9/p ✓ |
|         | -7                         | 7/15 | 6310          |
|         | -8                         | 7/15 | 6311          |
|         | -9                         | 7/18 | 6312          |



|       |                             |      |         |  |
|-------|-----------------------------|------|---------|--|
|       |                             |      |         |  |
| 6313  | B8134A1-B <sub>x2</sub> -10 | 7/17 | 2052-99 |  |
| ✓ P/P |                             |      |         |  |
| 6314  | -11                         | 7/9  |         |  |
| 6315  | -12                         | 7/10 |         |  |
| ✓ P/P |                             |      |         |  |
| 6316  | -13                         | 7/11 |         |  |
| 6317  | -14                         | 7/9  |         |  |
| ✓ P/P |                             |      |         |  |
| 6318  | -15                         | 7/13 |         |  |
| ✓ P/P |                             |      |         |  |
| 6319  | -16                         | 7/12 |         |  |
| 6320  | -17                         | 7/10 |         |  |
| ✓ P/P |                             |      |         |  |

|          |                             |      |                          |
|----------|-----------------------------|------|--------------------------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -18 | 7/10 | 6321                     |
|          | -19                         | 7/19 | 6322                     |
|          | -20                         | 7/11 | 6323<br>p/p <sup>v</sup> |
|          | -21                         | 7/19 | 6324                     |
| Fd       | LIBLE                       | 6/30 | 6325                     |
| 20152-99 | B8134A1-Bk <sub>2</sub> -22 | 7/17 | 6326                     |
|          | -23                         | 7/18 | 6327                     |
|          | -24                         | 7/11 | 6328                     |

88134A1-Bk<sub>2</sub>-25

6329

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20152-99

✓ P/p

-26

6330

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-27

6331

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-28

6332

7/18

✓ PR

-29

6333

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6335

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6336

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20152-99

B8134A1-Bk<sub>2</sub>-33

7/14

6337

-34

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6338

-35

7/19

6339

P/p ✓

-36

7/14

6340

P/p ✓

-37

7/11

6341

P/p ✓

-38

7/16

6342

-39

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6343

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6344



6345

B8134A1-Bk<sub>2</sub>-41

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20152-99

6346

-42

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6347

-43

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6348

-44

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6349

-45

7/13

✓ p/p

6350

SKBT

7/9

Fd

6351

B8134A1-Bk<sub>2</sub>-46

7/10

20152-99

6352

-47

7/18

✓ p/p

|          |                             |      |               |
|----------|-----------------------------|------|---------------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -48 | 7/12 | 6353          |
|          | .49                         | 7/11 | 6354          |
|          | -50                         | 7/16 | 6355<br>pip ✓ |
|          | -51                         | 7/10 | 6356          |
|          | -52                         | 7/14 | 6357          |
|          | -53                         | 7/14 | 6358          |
|          | -54                         | 7/13 | 6359<br>pip ✓ |
|          | -55                         | 7/11 | 6360<br>pip ✓ |

6361

B8134A1-Bk<sub>2</sub>-56

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20152-99

6362

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6363

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6364

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6365

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6366

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6367

-62

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6368

-63

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|          |                             |      |             |
|----------|-----------------------------|------|-------------|
| 0152-99  | B8134A1-Bk <sub>2</sub> -64 | 7/18 | 6369        |
|          | -65                         | 7/11 | 6370<br>ep✓ |
|          | -66                         | 7/15 | 6371        |
|          | -67                         | 7/13 | 6372        |
|          | -68                         | 7/10 | 6373<br>ep✓ |
|          | -69                         | 7/13 | 6374        |
| Stg      | BOND                        | 7/13 | 6375        |
| 20152-99 | B8134A1-Bk <sub>2</sub> TO  | 7/17 | 6376        |



6377

B8134A1-Bk<sub>2</sub>-71

7/13

20152-99

6378

-72

7/17

6379

-73

7/19

✓ PIP

6380

-74

7/17

✓ PIP

6381

-75

7/19

6382

-76

7/15

6383

-77

7/10

6384

-78

|          |                             |      |               |
|----------|-----------------------------|------|---------------|
| 20152-99 | B8134A1-B <sub>K2</sub> -79 | 7/16 | 6385          |
|          | -80                         | 7/11 | 6386          |
|          | -81                         | 7/14 | 6387          |
|          | -82                         | 7/17 | 6388          |
|          | -83                         | 7/11 | 6389<br>P/P ✓ |
|          | -84                         | 7/12 | 6390<br>P/P ✓ |
|          | -85                         | 7/9  | 6391<br>P/P ✓ |
|          | -86                         | 7/21 | 6392          |

6393

B8134A1-Bk<sub>2</sub>-87

7/19

20152-99

6394

-88

7/19

6395

-89

7/19

6396

-90

7/19

6397

-91

7/19

6398

-92

7/24

6399

-93

7/19

6400

-94

7/28



|          |                             |      |      |
|----------|-----------------------------|------|------|
| 20152-99 | 38134A1-Bk <sub>2</sub> -95 | 7/29 | 6401 |
|          | -96                         | 7/29 | 6402 |
|          | -97                         | 7/19 | 6403 |
|          | -98                         | 7/22 | 6404 |
|          | -99                         | 7/21 | 6405 |
|          | -100                        | 7/17 | 6406 |
|          | -101                        | 7/10 | 6407 |
|          | -102                        | 7/11 | 6408 |

P<sub>10</sub> ✓



B8134A1-Bk<sub>2</sub>-103

6409

7/11

20152-99

6410

-104

7/10

6411

-105

No plants

6412

-106

7/8

6413

-107

7/9

6414

-108

7/21

6415

-109

7/16

6416

-110

7/9

|          |                              |      |      |
|----------|------------------------------|------|------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -III | 7/13 | 6417 |
|          | -112                         | 7/15 | 6418 |
|          | -113                         | 7/18 | 6419 |
|          | -114                         | 7/13 | 6420 |
|          | -115                         | 7/16 | 6421 |
|          | -116                         | 7/21 | 6422 |
|          | -117                         | 7/15 | 6423 |
|          | -118                         | 7/25 | 6424 |

|      |      |       |    |
|------|------|-------|----|
| 6425 | BLMT | 7/12- | Fd |
|------|------|-------|----|

|      |                              |      |          |
|------|------------------------------|------|----------|
| 6426 | B8134A1-Bk <sub>2</sub> -119 | 7/16 | 20152-99 |
|------|------------------------------|------|----------|

|      |      |      |
|------|------|------|
| 6427 | -120 | 7/12 |
|------|------|------|

✓  
PR

|      |      |      |
|------|------|------|
| 6428 | -121 | 7/10 |
|------|------|------|

✓  
P/P

|      |      |      |
|------|------|------|
| 6429 | -122 | 7/12 |
|------|------|------|

✓  
P/P

|      |      |      |
|------|------|------|
| 6430 | -123 | 7/14 |
|------|------|------|

|      |      |      |
|------|------|------|
| 6431 | -124 | 7/15 |
|------|------|------|

|      |      |      |
|------|------|------|
| 6432 | -125 | 7/13 |
|------|------|------|

|          |                              |      |               |
|----------|------------------------------|------|---------------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -126 | 7/14 | 6433<br>P/p ✓ |
|          | -127                         | 7/17 | 6434          |
|          | -128                         | 7/10 | 6435<br>P/p ✓ |
|          | -129                         | 7/20 | 6436          |
|          | -130                         | 7/13 | 6437          |
|          | -131                         | 7/20 | 6438          |
|          | -132                         | 7/10 | 6439<br>P/p ✓ |
|          | -133                         | 7/18 | 6440          |



BS134A1-Bk<sub>2</sub>-134

6441

7/19

20152-99

✓  
P/P

-135

6442

7/14

-136

6443

7/10

✓  
P/P

-137

6444

7/10

✓  
P/P

-138

6445

7/16

-139

6446

7/16

-140

6447

7/22

-141

6448

7/19

20152-99

B8134A1-Bk<sub>2</sub>-142

7/13

6449

52

RU8003050

7/10

6450

20152-99

B8134A1-Bk<sub>2</sub>-143

7/11

6451

-144

7/8

6452

p/p ✓

-145

7/13

6453

p/p ✓

-146

7/14

6454

p/p ✓

-147

7/10

6455

-148

7/15

6456

B8134A1-Bk<sub>2</sub>-149

6457

7/9 -

20152-99

6458

-150

7/23

6459

-151

7/13

6460

-152

7/12

6461

-153

7/11

6462

-154

7/12

6463

-155

7/17

6464

-156

|          |                              |      |               |
|----------|------------------------------|------|---------------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -157 | 7/9  | 6465<br>P/p ✓ |
|          | -158                         | 7/13 | 6466          |
|          | -159                         | 7/9  | 6467          |
|          | -160                         | 7/10 | 6468<br>8/p ✓ |
|          | -161                         | 7/12 | 6469          |
|          | -162                         | 7/19 | 6470          |
|          | -163                         | 7/19 | 6471          |
|          | -164                         | 7/9  | 6472          |



|      |                              |      |          |
|------|------------------------------|------|----------|
| 6473 | B8134A1-Bk <sub>2</sub> -165 | 7/24 | 20152-99 |
| 6474 | -166                         | 7/19 |          |
| 6475 | RU8303116                    | 7/4  | 116      |
| 6476 | B8134A1-Bk <sub>2</sub> -167 | 7/19 | 20152-99 |
| 6477 | -168                         | 7/24 |          |
| 6478 | -169                         | 7/13 |          |
| 6479 | -170                         | 7/16 |          |
| 6480 | -171                         | 7/13 |          |

|          |                              |      |                |
|----------|------------------------------|------|----------------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -172 | 7/17 | 6481           |
|          | -173                         | 7/11 | 6482           |
|          | -174                         | 7/20 | 6483           |
|          | -175                         | 7/14 | 6484           |
|          | -176                         | 7/12 | 6485           |
|          | -177                         | 7/18 | 6486           |
|          | -178                         | 7/12 | 6487<br>P/10 ✓ |
|          | -179                         | 7/20 | 6488           |

6489

B8134A1-BK<sub>2</sub>-180

7/11

20152-99

6490

-181

7/15

6491

-182

7/11

6492

-183

7/15

6493

-184

7/15

6494

-185

7/16

6495

-186

7/16

6496

-187

7/21

B8134A1-B<sub>K2</sub>-188

20152-99

7/14

6497

P<sub>10</sub>✓

-189

7/24

6498

-190

7/17

6499

-191

7/14

6500





B8130A = LEAH / LMNT

B8134A = B786A3 F, / LMNT







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

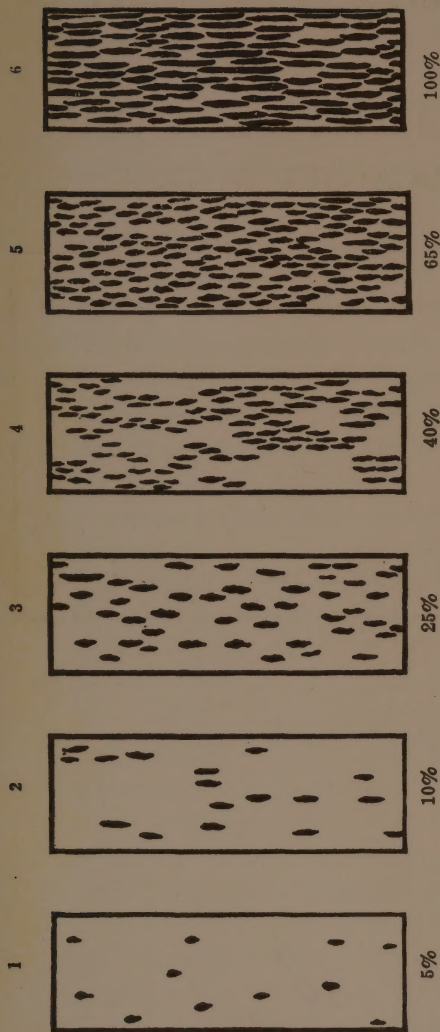


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

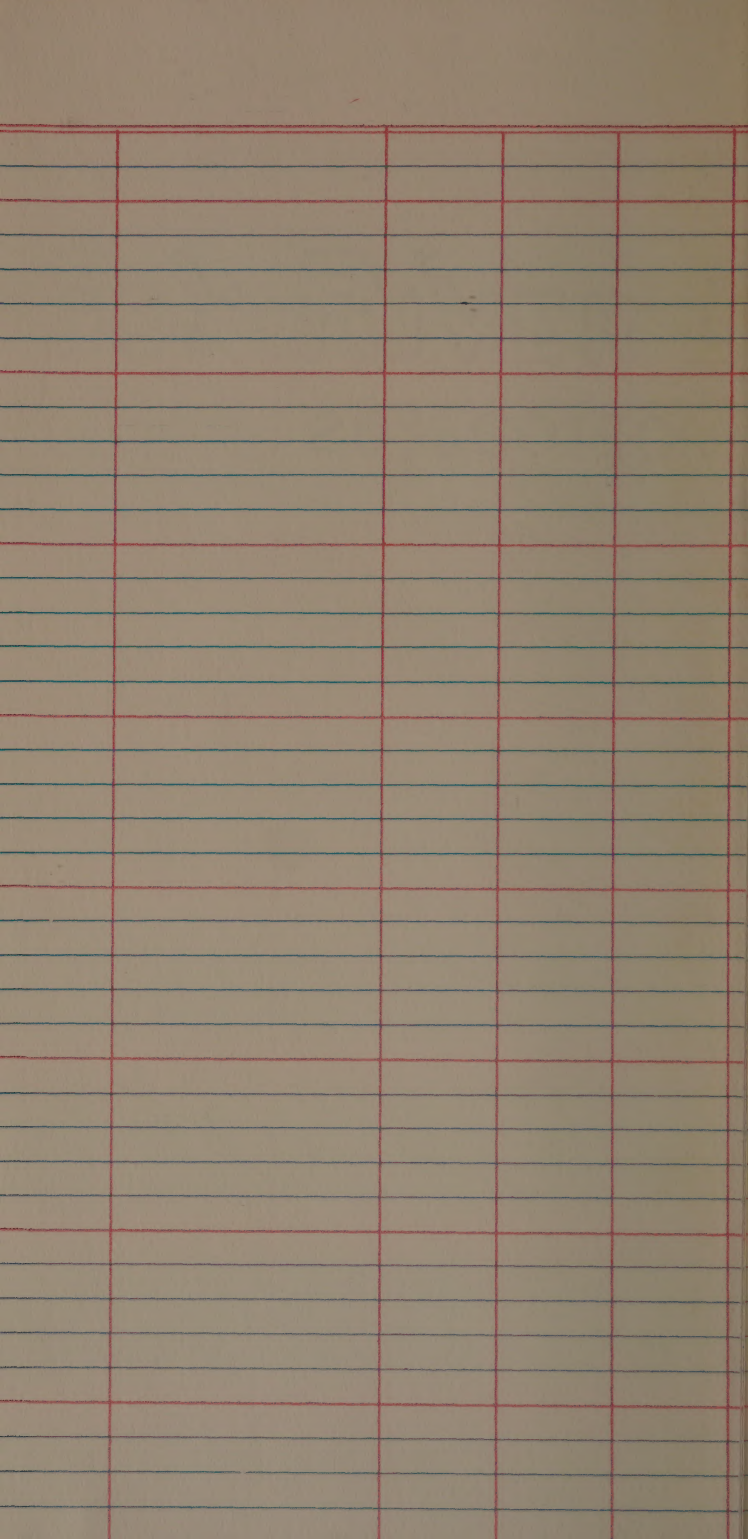
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

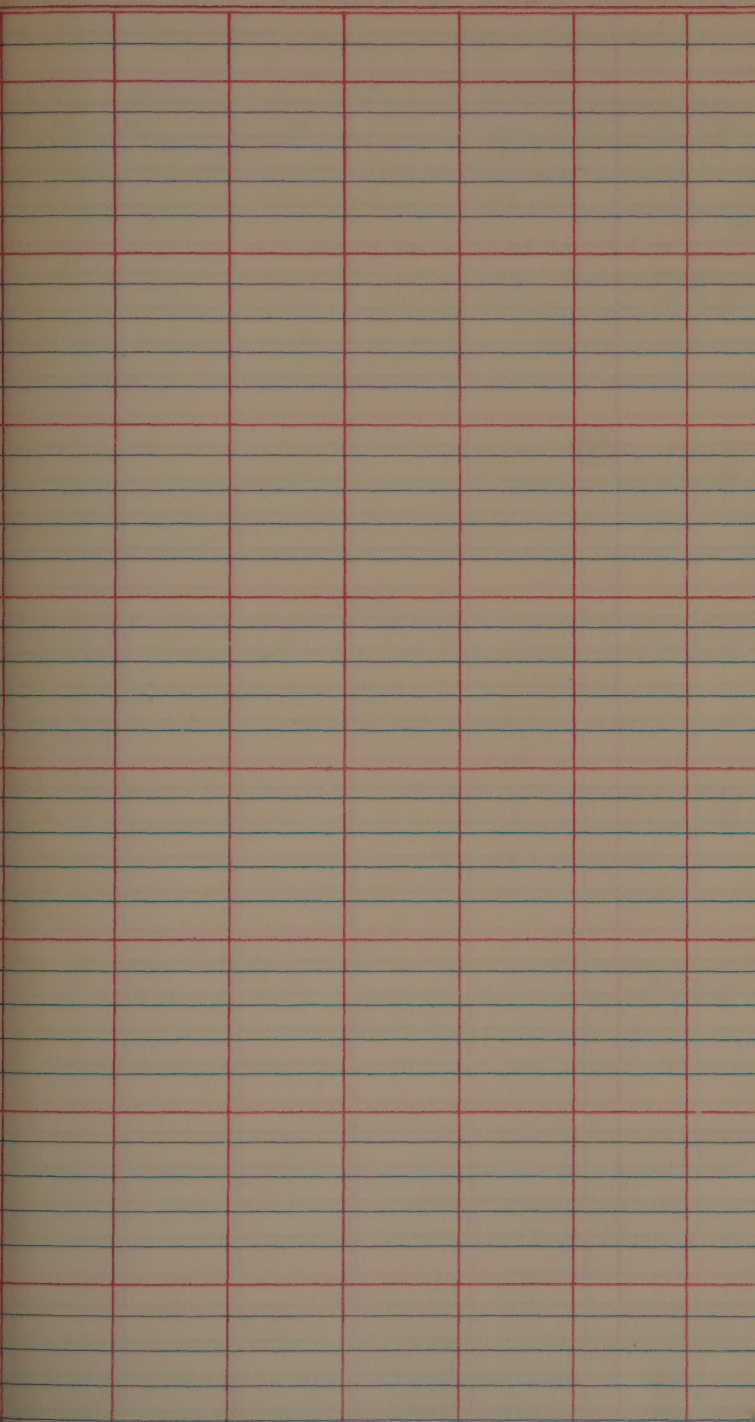
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

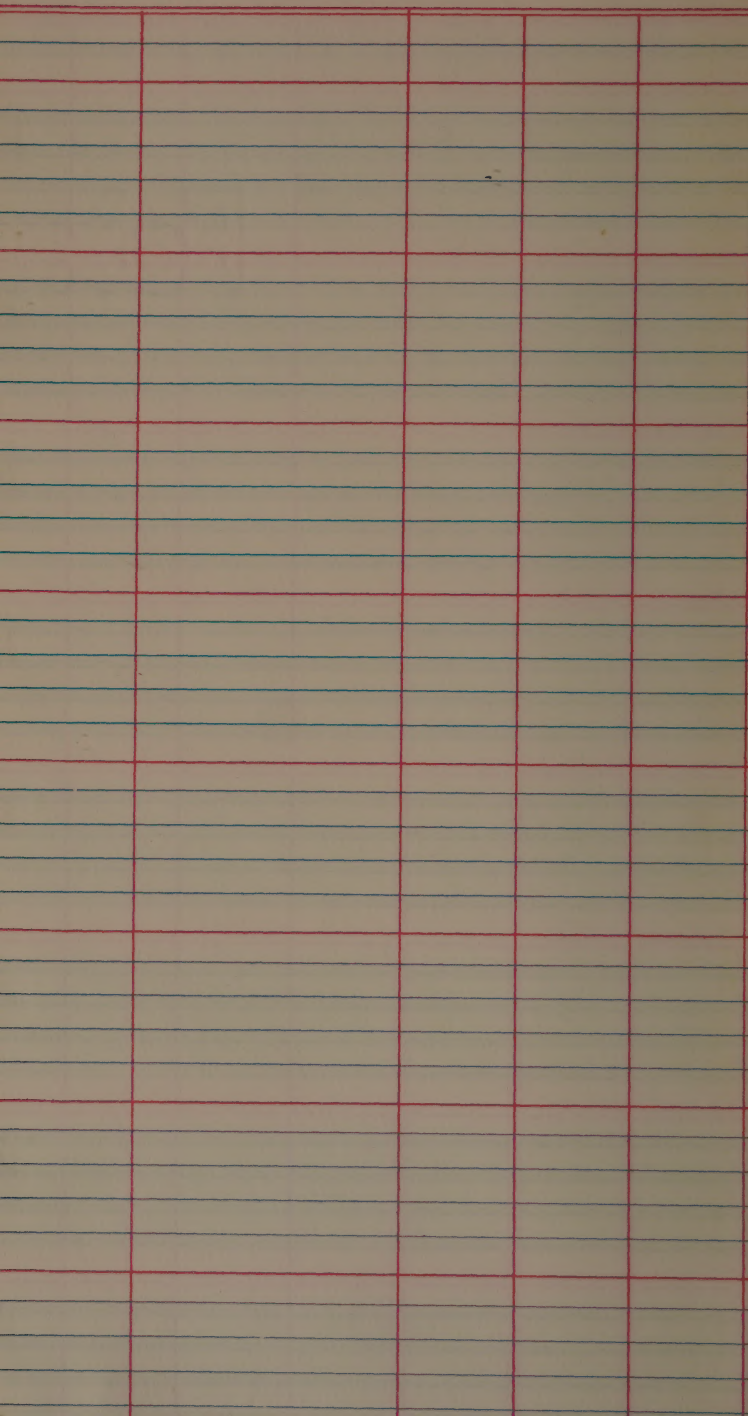


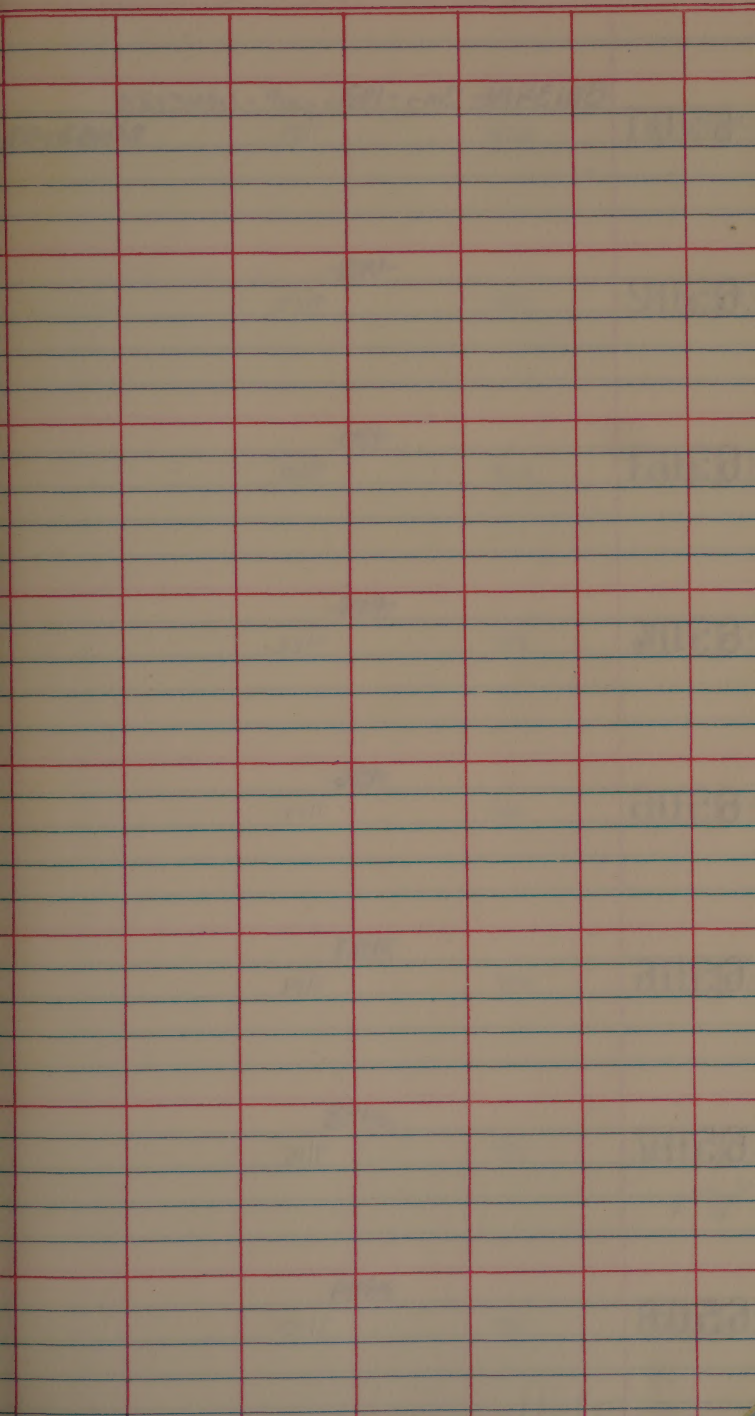














6501

B8134A1-Bk<sub>2</sub>-192

7/23

20152-99

6502

-193

7/23

6503

-194

7/20

6504

-195

7/27

6505

-196

7/17

6506

-197

7/14

6507

-198

7/15

✓ P/e

6508

-199

7/23

|         |                              |      |      |
|---------|------------------------------|------|------|
| 0152-99 | B8134A1-Bk <sub>2</sub> -200 | 7/20 | 6509 |
|         | -201                         | 7/17 | 6510 |
|         | -202                         | 7/17 | 6511 |
|         | -203                         | 7/12 | 6512 |
|         | -204                         | 7/13 | 6513 |
|         | -205                         | 7/10 | 6514 |
|         | -206                         | 7/7  | 6515 |
|         | -207                         | 7/14 | 6516 |

138134A1-Bk<sub>2</sub>-208

6517

7/17 -

20152-99

✓ PIP

6518

-209

7/13

6519

-210

7/18

6520

-211

7/23

6521

-212

7/17

6522

-213

7/19

6523

-214

7/12

6524

-215

7/25

|          |                              |      |      |
|----------|------------------------------|------|------|
| Biggs    | L-202                        | 7/16 | 6525 |
| 20152-99 | B8134A1-Bk <sub>2</sub> -216 | 7/21 | 6526 |
|          | -217                         | 7/16 | 6527 |
|          | -218                         | 7/20 | 6528 |
|          | -219                         | 7/16 | 6529 |
|          | -220                         | 7/18 | 6530 |
|          | -221                         | 7/11 | 6531 |
|          | -222                         | 7/10 | 6532 |



B8134A1-Bk<sub>2</sub>-223

6533

7/15-

20152-99

-224

6534

7/14

-225

6535

7/20

-226

6536

7/12

8/18

-227

6537

7/11

8/16

-228

6538

7/15

-229

6539

7/16

-230

6540

7/14

8/18

|          |                              |      |                  |
|----------|------------------------------|------|------------------|
| 20152-99 | B8134A1-Bk <sub>2</sub> -231 | 7/21 | 6541             |
|          | -232                         | 7/9  | 6542<br>✓<br>P/P |
|          | -233                         | 7/17 | 6543             |
|          | -234                         | 7/9  | 6544<br>✓<br>P/P |
|          | -235                         | 7/13 | 6545             |
|          | -236                         | 7/9  | 6546             |
|          | -237                         | 7/15 | 6547             |
|          | -238                         | 7/13 | 6548             |

|       |                              |      |          |
|-------|------------------------------|------|----------|
| 6549  | BS134A1-Bk <sub>2</sub> -239 | 7/14 | 20152-99 |
| 6550  | LBNT                         | 7/13 | Fd       |
| 6551  | BS134A1-Bk <sub>2</sub> -240 | 7/10 | 20152-99 |
| ✓ P1p |                              |      |          |
| 6552  | -241                         | 7/7  |          |
| ✓ P1p |                              |      |          |
| 6553  | -242                         | 7/16 |          |
|       |                              |      |          |
| 6554  | -243                         | 7/9  |          |
| ✓ P1p |                              |      |          |
| 6555  | -244                         | 7/8  |          |
| ✓ P1p |                              |      |          |
| 6556  | -245                         | 7/19 |          |

|         |                              |      |                   |
|---------|------------------------------|------|-------------------|
| 0152-99 | B8134A1-BK <sub>2</sub> -246 | 7/14 | 6557              |
|         |                              |      | P <sub>10</sub> ✓ |
|         | -247                         | 7/21 | 6558              |
|         | -248                         | 7/17 | 6559              |
|         | -249                         | 7/7  | 6560              |
|         | -250                         | 7/14 | 6561              |
|         | -251                         | 7/12 | 6562              |
|         | -252                         | 7/13 | 6563              |
|         | -253                         | 7/19 | 6564              |



B8134A1-Bk2-254

6565

7/13

20152-99

6566

-255

7/20

6567

-256

7/15

✓ 8/18  
6568

-257

7/10

6569

-258

7/12

6570

-259

7/19

✓ 8/18  
6571

-260

7/10

✓ 8/18  
6572

-261

7/8

|         |                              |                |      |
|---------|------------------------------|----------------|------|
| 0152-99 | BS134A1-Bk <sub>2</sub> -262 | 7/13           | 6573 |
|         | -263                         | 7/20           | 6574 |
|         | -264                         | 7/14<br>gold 2 | 6575 |
|         | -265                         | 7/14           | 6576 |
|         | -266                         | 7/19           | 6577 |
|         | -267                         | 7/10<br>p/p ✓  | 6578 |
|         | -268                         | 7/21           | 6579 |
|         | -269                         | 7/9<br>p/p ✓   | 6580 |

6581

B8134A1-B<sub>2</sub>-270

7/13

20152-99

6582

-271

7/10

6583

-272

7/17

6584

-273

7/15

6585

-274

7/12

6586

-275

7/17

6587

-276

7/20

6588

-277

7/21

|         |                              |      |      |
|---------|------------------------------|------|------|
| 0152-99 | B8134A1-Bk <sub>2</sub> -278 | 7/16 | 6589 |
|         | -279                         | 7/15 | 6590 |
|         | -280                         | 7/13 | 6591 |
|         | -281                         | 7/17 | 6592 |
|         | -282                         | 7/24 | 6593 |
|         | -283                         | 7/15 | 6594 |
|         | -284                         | 7/18 | 6595 |
|         | -285                         | 7/17 | 6596 |



B8134A1-Bk<sub>2</sub>-286

6597

7/21

20152-99

6598

-287

7/23

6599

-288

7/24

6600

-289

7/25

6601

-290

7/12

6602

-291

7/24

6603

-292

7/24

6604

-293

7/24

|         |                              |      |      |
|---------|------------------------------|------|------|
| 0152-99 | B8134A1-Bk <sub>2</sub> -294 | 7/22 | 6605 |
|         | -295                         | 7/10 | 6606 |
|         | -296                         | 7/17 | 6607 |
|         | -297                         | 7/17 | 6608 |
|         | -298                         | 7/7  | 6609 |
|         | -299                         | 7/13 | 6610 |
|         | -300                         | 7/17 | 6611 |
|         | -301                         | 7/14 | 6612 |

|      |                              |      |          |
|------|------------------------------|------|----------|
| 6613 | B8134A1-Bk <sub>2</sub> -302 | 7/12 | 20152-99 |
|------|------------------------------|------|----------|

|      |      |      |  |
|------|------|------|--|
| 6614 | -303 | 7/13 |  |
|------|------|------|--|

✓  
PIP

|      |      |      |  |
|------|------|------|--|
| 6615 | -304 | 7/11 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6616 | -305 | 7/11 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6617 | -306 | 7/13 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6618 | -307 | 7/18 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6619 | -308 | 7/13 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6620 | -309 | 7/14 |  |
|------|------|------|--|

|          |                              |      |      |
|----------|------------------------------|------|------|
| 20152-99 | B8134A1-B <sub>K2</sub> -310 | 7/12 | 6621 |
|          | -311                         | 7/11 | 6622 |
|          | -312                         | 7/15 | 6623 |
|          | -313                         | 7/18 | 6624 |
| 2976     | RU7502076                    | 7/16 | 6625 |
|          | B8134A1-B <sub>K2</sub> -314 | 7/8  | 6626 |
|          | -315                         | 7/12 | 6627 |
|          | -316                         | 7/13 | 6628 |



|      |                              |      |          |
|------|------------------------------|------|----------|
| 6629 | B8134A1-Bk <sub>2</sub> -317 | 7/13 | 20152-99 |
|------|------------------------------|------|----------|

|      |      |      |  |
|------|------|------|--|
| 6630 | -318 | 7/15 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6631 | -319 | 7/18 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6632 | -320 | 7/16 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6633 | -321 | 7/11 |  |
|------|------|------|--|

✓ PR

|      |      |     |  |
|------|------|-----|--|
| 6634 | -322 | 7/9 |  |
|------|------|-----|--|

✓ PR

|      |      |      |  |
|------|------|------|--|
| 6635 | -323 | 7/14 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6636 | -324 | 7/10 |  |
|------|------|------|--|

0152-99

B8134A1-Bk<sub>2</sub>-325

7/17

6637

-326

7/12

6638

-327

7/17

6639

-328

7/13

6640

-329

7/13

6641

-330

7/11

6642

-331

7/18

6643

-332

7/17

6644

6645

B8134A1-Bk<sub>2</sub>-333

7/13

20152-99

✓ PIP

6646

-334

7/16

6647

-335

7/13

✓ PIP

6648

-336

7/13

6649

-337

7/16

6650

RV8303046

7/11

46

6651

B8134A1-Bk-196

7/10

4892-4920

✓ PIP

6652

-197

7/9

|         |                  |      |      |
|---------|------------------|------|------|
| 92-4920 | BS134A1-Bk - 198 | 7/13 | 6653 |
|         | -199             | 7/13 | 6654 |
|         | -200             | 7/11 | 6655 |
|         | -201             | 7/10 | 6656 |
|         | -202             | 7/9  | 6657 |
|         | -203             | 7/13 | 6658 |
|         | -204             | 7/7  | 6659 |
|         | -205             | 7/15 | 6660 |



6661

B8134A1-Bk-206

7/12-

4892-4920

6662

-207

7/13

6663

-208

7/17

6664

-209

7/20

6665

-210

7/19

6666

-211

7/10

6667

-212

7/19

6668

-213

7/6

|           |                    |      |      |
|-----------|--------------------|------|------|
| 1892-4920 | B8134A1 - Bk - 214 | 7/19 | 6669 |
|           | -215               | 7/17 | 6670 |
|           | -216               | 7/19 | 6671 |
|           | -217               | 7/19 | 6672 |
|           | -218               | 7/10 | 6673 |
|           | -219               | 7/11 | 6674 |
| Stg       | TBNT               | 7/4  | 6675 |
| 1892-4920 | B8134A1 - Bk - 220 | 7/8  | 6676 |

BS134A1-Bk-221

6677

7/9 -

4892-4920

6678

-222

7/8

6679

-223

7/7

6680

-224

7/17

6681

-225

7/17

6682

-226

7/19

6683

-227

7/13

6684

-228

7/11

|                |  |      |      |  |      |
|----------------|--|------|------|--|------|
| 88134A1-Bk-229 |  |      |      |  |      |
| 892-4920       |  |      | 7/9  |  | 6685 |
|                |  |      |      |  |      |
|                |  | -230 |      |  |      |
|                |  |      | 7/10 |  | 6686 |
|                |  |      |      |  |      |
|                |  | -231 |      |  |      |
|                |  |      | 7/13 |  | 6687 |
|                |  |      |      |  |      |
|                |  | -232 |      |  |      |
|                |  |      | 7/9  |  | 6688 |
|                |  |      |      |  |      |
|                |  | -233 |      |  |      |
|                |  |      | 7/19 |  | 6689 |
|                |  |      |      |  |      |
|                |  | -234 |      |  |      |
|                |  |      | 7/9  |  | 6690 |
|                |  |      |      |  |      |
|                |  | -235 |      |  |      |
|                |  |      | 7/12 |  | 6691 |
|                |  |      |      |  |      |
|                |  | -236 |      |  |      |
|                |  |      | 7/9  |  | 6692 |



B8134A1-Bk-237

6693

7119 -

4892-4920

6694

-238

7116

6695

-239

7117

6696

-240

7120

6697

-241

7119

6698

-242

7114

6699

-243

7117

6700

-244

7121

|                |      |      |
|----------------|------|------|
| B8134A1-Bk-245 | 7/10 | 6701 |
| 892-4920       |      |      |
| -246           | 7/10 | 6702 |
| -247           | 7/11 | 6703 |
| -248           | 7/11 | 6704 |
| -249           | 7/16 | 6705 |
| -250           | 7/9  | 6706 |
| -251           | 7/11 | 6707 |
| -252           | 7/10 | 6708 |

88134A1-Bk-253

6709

7/8

4892-4920

-254

6710

7/17

-255

6711

7/10

-256

6712

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6715

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6716

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|                |      |      |
|----------------|------|------|
| B8134A1-Bk-261 | 7113 | 6717 |
| 892-4920       |      |      |
| -262           | 7120 | 6718 |
| -263           | 719  | 6719 |
| -264           | 719  | 6720 |
| -265           | 716  | 6721 |
| -266           | 7116 | 6722 |
| -267           | 719  | 6723 |
| -268           | 718  | 6724 |



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|------|-----------|-----|---|
| 6725 | RU8003005 | 7/7 | 3 |
|------|-----------|-----|---|

|      |                |     |           |
|------|----------------|-----|-----------|
| 6726 | B8134A1-Bk-269 | 7/8 | 4892-4920 |
|------|----------------|-----|-----------|

|      |      |     |  |
|------|------|-----|--|
| 6727 | -270 | 7/8 |  |
|------|------|-----|--|

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|------|------|------|--|
| 6728 | -271 | 7/20 |  |
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|      |      |      |  |
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| 6729 | -272 | 7/15 |  |
|------|------|------|--|

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|------|------|------|--|
| 6730 | -273 | 7/10 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6731 | -274 | 7/13 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 6732 | -275 | 7/10 |  |
|------|------|------|--|

|          |                |      |      |
|----------|----------------|------|------|
| 892-4920 | B8134A1-BK-276 | 7/9  | 6733 |
|          | -277           | 7/17 | 6734 |
|          | -278           | 7/16 | 6735 |
|          | -279           | 7/12 | 6736 |
|          | -280           | 7/15 | 6737 |
|          | -281           | 7/9  | 6738 |
|          | -282           | 7/13 | 6739 |
|          | -283           | 7/14 | 6740 |

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B8134A1-Bx-284

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4892-4920

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-291

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|----------------|------|------|
| B8134A1-Bk-292 | 7/19 | 6749 |
| 892-4920       |      |      |
| LMNT           |      |      |
| Fd             | 7/15 | 6750 |
| B8134A1-Bk-293 |      |      |
| 892-4920       | 7/11 | 6751 |
| -294           | 7/10 | 6752 |
| -295           | 7/11 | 6753 |
| -296           | 7/13 | 6754 |
| -297           | 7/9  | 6755 |
| -298           | 7/19 | 6756 |



B8134A1-Bk-299

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4892-4920

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6760

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|                |      |      |
|----------------|------|------|
| BS134A1-BK-307 | 7/10 | 6765 |
| 892-4920       |      |      |
| -308           | 7/12 | 6766 |
| -309           | 7/12 | 6767 |
| -310           | 7/10 | 6768 |
| -311           | 7/13 | 6769 |
| -312           | 7/10 | 6770 |
| -313           | 7/9  | 6771 |
| -314           | 7/11 | 6772 |

6773

BS134A1-Bk-315

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4892-4920

6774

-316

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6775

NW RX

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6776

(Fa)

BS134A1-Bk-317

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6780

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|                |      |      |
|----------------|------|------|
| B8134A1-Bk-322 | 7/13 | 6781 |
| 892-4920       |      |      |
| -323           | 7/8  | 6782 |
| -324           | 7/16 | 6783 |
| -325           | 7/16 | 6784 |
| -326           | 7/17 | 6785 |
| -327           | 7/13 | 6786 |
| -328           | 7/12 | 6787 |
| -329           | 7/10 | 6788 |



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B8134A1-Bk-330

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4892-4920

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Seeded 4/17/84

5-4, 17 W

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|          |                  |      |      |
|----------|------------------|------|------|
| 892-4920 | B8134A1-Bk-338   | 7/12 | 6797 |
|          | -339             | 7/19 | 6798 |
|          | -340             | 7/24 | 6799 |
|          | -341             | 7/16 | 6800 |
| 7/16     | C610A-Bk-5-4-1-1 | 7/14 | 6801 |
|          | 84/677           |      |      |
|          | -2               | 7/14 | 6802 |
|          | 8/16-3           | 7/14 | 6803 |
|          | -4               | 7/13 | 6804 |

6805

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6806

C610A-BK-11-10-5-1

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7131

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uniform

6809

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6810

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6811

C610A-BK-12-2-2-1

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7133

6812

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6813

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6814

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7/14

6815

PIP

C610A-BK-12-8-3-1

7139

84/679

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6816

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6817

PIP

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6818

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6820

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 8/16  
 BK  
 6819  
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 not bulked



|      |                                            |            |      |
|------|--------------------------------------------|------------|------|
| 6821 | C610A-BK-15-2-3-1                          | 7/17-      | 7144 |
| 6822 |                                            | -2<br>7/16 |      |
| 6823 | <i>8/18</i><br><i>7-1</i><br><i>Aug 18</i> | -3<br>7/15 |      |
| 6824 |                                            | -4<br>7/15 |      |
| 6825 |                                            | -5<br>7/16 |      |
| 6826 | RU1703008                                  | 7/19       | 9677 |
| 6827 | C610A-BK-15-9-5-1<br>84/681                | 7/16       | 7151 |
| 6828 |                                            | -2<br>7/17 |      |

-3

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6829

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8/16

bk

-4

7/14

6830

PIP ✓

-5

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6831

C610A-BK-16-1-1-1

7153

84/682

7/15

6832

-2

7/14

6833

PIP ✓

-3

7/15

6834

DT

8/16

bk

-4

7/17

6835

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6837

C610A-BK-16-1-4-1

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7156

6838

-2

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6839

*DT*  
*uniform*

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7/15

6840

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6841

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6842

C610A-BK-16-4-4-1

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7161

6843

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6844

*DT*  
*uniform*

-3

7/15

|      |                    |    |      |      |          |
|------|--------------------|----|------|------|----------|
|      |                    | -4 | 7/15 | 6845 | ✓<br>P/P |
|      |                    | -5 | 7/14 | 6846 |          |
| 7163 | C610A-Bx-16-10-1-1 |    | 7/15 | 6847 |          |
|      |                    | -2 | 7/16 | 6848 | ✓<br>P/P |
|      | DT<br>info         | -3 | 7/16 | 6849 |          |
|      |                    | -4 | 7/17 | 6850 |          |
|      |                    | -5 | 7/15 | 6851 |          |
| Fd   | SKBT               |    | 7/15 | 6852 | bx 8/16  |



6853

C610A-BK-16-10-4-1

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7166

6854

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6855

~~DM~~  
~~7/16~~

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✓  
6856

-4

7/16

✓  
Plp-  
6857

-5

7/16

✓  
6858

C610A-BK-17-7-4-1

7/14

7171

84/322

6859

-2

7/14

~~DM, solid~~  
~~bk 8/16~~

6860

-3

7/13

-4

7/13

6861

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6862

C610A-Bk-18-2-2-1

7/75

84/683

7/16

6863

-2

7/17

6864

-3

7/17

6865

-4

7/17

6866

-5

7/15

6867

pip ✓

C610A-Bk-18-2-5-1

7/78

7/17

6868

6869

-2

7/16

6870

-3

7/15

✓ Pip

Dint  
unifon

6871

-4

7/16

6872

-5

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6873

NWBT

7/18

Stg

6874

C610A-BK-18-10-2-1

7/13

7180

✓ Pip

6875

-2

7/14

D  
unifon

6876

-3

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6877

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6878

C610A-BK-18-10-3-1

7181

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6879

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6880

Pip

-3

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6881

ST  
unifon

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6882

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6883

C610A-BK-18-10-4-1

7182

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6884



6885

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6886

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6887

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6888

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6889

C610A-BK-22-3-3-1

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7186

6890

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6891

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6892

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7/14

Dnt  
unif

84/685

Dnt  
unif  
bk 2/16

-5

7/13

6893

CG10A-Bk-22-5-1-1

7189

7/14

6894

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6895

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6898

P/P ✓

CG10A-Bk-24-6-2-1

7195

7/17

6899

84/686

-2

7/16

6900

6901

-3

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7195

6902

-4

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6903

-5

7/17

6904

C610A-BK-27-1-2-1

7/16

1200

84/687

6905

-2

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6906

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7/17

6907

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7/15

6908

-5

7/17

|      |                    |      |        |
|------|--------------------|------|--------|
| 7208 | C610A-Bk-27-9-5-1  | 7/15 | 6909   |
|      |                    |      | File ✓ |
|      | -2                 | 7/17 | 6910   |
|      | -3                 | 7/16 | 6911   |
|      | -4                 | 7/17 | 6912   |
|      | -5                 | 7/17 | 6913   |
| 7213 | C610A-Bk-32-10-5-1 | 7/15 | 6914   |
|      | -2                 | 7/16 | 6915   |
|      | -3                 | 7/15 | 6916   |



6917

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✓ P/P

bk 9/4

C610A-Bk-33-6-3-1

6919

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7216

± 84/333

6920

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6921

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7/16

DM

bk 8/16

6922

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6923

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6924

LMNT

7/20

Fd

bk 8/16

1223

C610A-Bk-33-10-5-1

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6925

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6926

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6927

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6928

-5

7/15

6929

Pip ✓

1228

C610A-Bk-35-4-4-1

7/15

6930

Pip ✓

-2

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6931

-3

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6932

|      |                   |            |  |      |
|------|-------------------|------------|--|------|
|      |                   |            |  |      |
| 6933 |                   | -4<br>7/17 |  |      |
| 6934 |                   | -5<br>7/17 |  |      |
| 6935 | C610A-BK-37-5-1-1 | 7/17       |  | 1230 |
| 6936 |                   | -2<br>7/16 |  |      |
| 6937 |                   | -3<br>7/17 |  |      |
| 6938 |                   | -4<br>7/16 |  |      |
| 6939 |                   | -5<br>7/18 |  |      |
| 6940 | C610A-BK-37-5-3-1 | 7/19       |  | 1232 |

|      |                   |  |    |      |      |
|------|-------------------|--|----|------|------|
|      |                   |  | -2 | 7/20 | 6941 |
|      |                   |  | -3 | 7/18 | 6942 |
|      |                   |  | -4 | 7/18 | 6943 |
|      |                   |  | -5 | 7/18 | 6944 |
| 1237 | C610A-BK-38-3-3-1 |  |    | 7/18 | 6945 |
|      |                   |  | -2 | 7/18 | 6946 |
|      |                   |  | -3 | 7/19 | 6947 |
|      |                   |  | -4 | 7/18 | 6948 |



6949

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LBLE -X2-2

6950

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11000

bic 8/16

6951

C610A-BK-39-9-1-1

7/17

1240

84/689

6952

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6953

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6954

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6955

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6956

C610A-BK-40-10-2-1

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1246

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6960

C610A-Bk-44-3-3-1

7258

84/690

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6961

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6962

P/P

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6963

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6964

6965

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6966

C610A-BK-46-5-2-1

84/691

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7262

6967

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6968

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6969

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C610A-BK-46-5-4-1

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7264

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6973

P/P ✓

Dnt

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6974

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6975

LIBNT

Fd

7/17

6976

bk 8/16

C610A-BK-47-9-2-1

7267

7/17

6977

-2

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6978

bk 9/4

Dnt

-3

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6979

P/P ✓

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6980



6981

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6982

CG10A-BK-48-1-3-1

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1213

6983

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6984

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6985

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6986

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6987

CG10A-BK-48-1-5-1

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1215

6988

-2

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|      |                             |    |      |             |
|------|-----------------------------|----|------|-------------|
|      |                             | -3 | 7/15 | 6989        |
|      | DT<br>7/14                  | -4 | 7/14 | 6990<br>rip |
|      |                             | -5 | 7/14 | 6991        |
| 1280 | CG10A-Bx-48-6-4-1<br>84/693 |    | 7/13 | 6992<br>rip |
|      |                             | -2 | 7/13 | 6993        |
|      | DT<br>7/14                  | -3 | 7/13 | 6994        |
|      |                             | -4 | 7/14 | 6995        |
|      |                             | -5 | 7/14 | 6996        |

6997

C610A-Bk-48-10-4-1

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6998

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6999

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7001

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Teller Def?

7002

C610A-Bk-52-5-2-1

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1298

7003

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7004

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7005

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7006

C610A-Bk-52-5-4-1

300

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7007

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7008

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7009

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7010

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7011

C610A-Bk-52-9-5-1

306

Rhizoc. sp.

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7012



7013

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7014

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7015

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7016

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7017

C610A-BK-58-3-3-1

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7314

7018

-2

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7019

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7020

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|      |                   |        |      |           |
|------|-------------------|--------|------|-----------|
|      |                   | -5     | 7/16 | 7021      |
| 1235 | CB801             |        | 7/21 | 7022      |
|      |                   |        |      | bx 10/4 ? |
| 7319 | C610A-BK-58-8-3-1 | 84/695 | 7/15 | 7023      |
|      |                   | -2     | 7/15 | 7024      |
|      |                   |        |      | Pip ✓     |
|      |                   | -3     | 7/15 | 7025      |
|      |                   | -4     | 7/17 | 7026      |
|      |                   | -5     | 7/15 | 7027      |
| 7338 | C610A-BK-63-8-1-1 |        | 7/14 | 7028      |

7029

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C610A-BK-63-10-2-1

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7344

84/1264

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inform  
bx 8/16



|      |                   |         |      |      |
|------|-------------------|---------|------|------|
|      |                   | -5      | 7/13 | 7037 |
| 7350 | C610A-BK-64-3-2-1 | 84/323  | 7/13 | 7038 |
|      |                   | -2      | 7/13 | 7039 |
|      |                   | -3      | 7/14 | 7040 |
|      |                   | -4      | 7/14 | 7041 |
|      |                   | -5      | 7/14 | 7042 |
| 7357 | C610A-BK-64-5-4-1 | 84/1265 | 7/15 | 7043 |
|      |                   | -2      | 7/14 | 7044 |



7045

✱

DM

uniform

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C610A-Bk-66-1-3-1

84/697

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7050

DM

uniform

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7051

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✓ 8/16

|      |                   |    |      |      |         |
|------|-------------------|----|------|------|---------|
|      | BLMT              |    |      |      |         |
| Fd   |                   |    | 7/17 | 7053 | bk 8/16 |
| 7364 | C610A-Bk-66-7-1-1 |    | 7/17 | 7054 |         |
|      |                   | -2 | 7/17 | 7055 |         |
|      |                   | -3 | 7/17 | 7056 |         |
|      |                   | -4 | 7/17 | 7057 |         |
|      |                   | -5 | 7/16 | 7058 | tfp ✓   |
| 7372 | C610A-Bk-68-2-4-1 |    | 7/16 | 7059 |         |
|      |                   | -2 | 7/16 | 7060 |         |

|               |                   |            |      |
|---------------|-------------------|------------|------|
|               |                   |            |      |
| 7061          |                   | -3<br>7/16 |      |
| 7062          |                   | -4<br>7/15 |      |
| 7063<br>✓ p/p |                   | -5<br>7/14 |      |
| 7064          | C610A-BK-68-6-5-1 | 7/15       | 1379 |
| 7065          |                   | -2<br>7/16 |      |
| 7066          |                   | -3<br>7/17 |      |
| 7067          |                   | -4<br>7/16 |      |
| 7068<br>✓ r/p |                   | -5<br>7/15 |      |



|      |                   |      |                 |
|------|-------------------|------|-----------------|
| 7381 | C610A-BK-68-9-2-1 | 7/15 | 7069            |
|      | -2                | 7/15 | 7070            |
|      | -3                | 7/15 | 7071<br>p/p ✓   |
|      | -4                | 7/16 | 7072            |
|      | -5                | 7/17 | 7073<br>bk 9/14 |
| 46   | RU8303046         | 7/17 | 7074<br>bk 8/16 |
| 7388 | C610A-BK-73-4-4-1 | 7/15 | 7075            |
|      | -2                | 7/13 | 7076            |



7113

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C610A-BK-73-8-5-1

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7394

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bk 9/4

7402

C610A-BK-T8-2-2-1

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7409

C610A-BK-80-8-4-1

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7091

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7092

not. infer. later  
maybe some ant. winter

7093

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C610A-1-3-3-1

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7413

7096

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7097

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7099

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7100

C610A-4-2-3-1

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7418

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7/18

7101

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7/17

7102

-4

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7103

Pig ✓

-5

7/14

7104

CG10A-3-6-2-1

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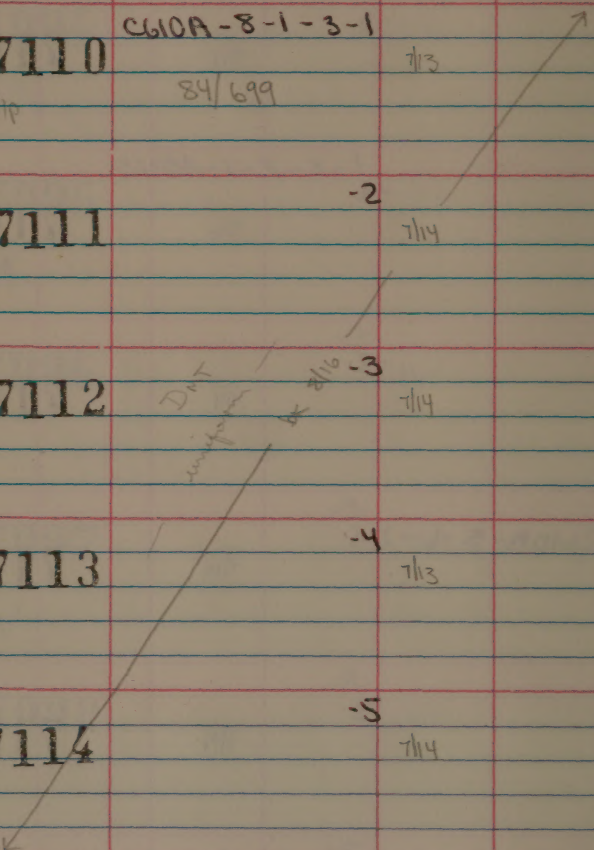
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Rhizoc. spot -

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BOND

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54g

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C610A-8-7-1-1

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DM  
if; right online

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C610A-8-9-1-1

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P18 ✓

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CG10A-8-10-3-1

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CG10A-10-3-2-1

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Rhizac. spot

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|------|----------------|------|------|
| 7173 | C610A-16-4-1-1 | 7/15 | 1484 |
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|------|----|------|--|
| 7174 | -2 | 7/14 |  |
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| 7175 | -3 | 7/14 |  |
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| 7176 | -4 | 7/16 |  |
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| 7177 | -5 | 7/13 |  |
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818

|      |                |      |      |
|------|----------------|------|------|
| 7178 | C610A-16-4-5-1 | 7/13 | 1488 |
|------|----------------|------|------|

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| 7179 | -2 | 7/13 |  |
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| 7180 | -3 | 7/13 |  |
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| 7189 | -2<br>7/16 |  |  |
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| 7190 | -3<br>7/16 |  |  |
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| 7191 | -4<br>7/14 |  |  |
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| 7192 | -5<br>7/14 |  |  |
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| 7193 | C610A-16-8-4-1<br>7/14 | 1502 |
|------|------------------------|------|

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| 7194 | -2<br>7/14 |  |  |
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| 7195 | -3<br>7/15 |  |  |
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| 7196 | -4<br>7/17 |  |  |
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7208 C610A-19-9-4-1  
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CG10A-21-10-1-1

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CG10A-25-9-3-1

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C610A-25-10-5-1

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|      |                |    |      |        |
| 7269 |                | -5 | 7/14 |        |
| 7270 | C610A-29-3-5-1 |    | 7/16 | 1586   |
| 7271 |                | -2 | 7/13 |        |
| 7272 | tail mark      | -3 | 7/12 |        |
| 7273 |                | -4 | 7/12 |        |
| 7274 |                | -5 | 7/12 |        |
| 7275 | CP231          |    | 7/19 | border |
| 7276 | C610A-29-5-4-1 |    | 7/12 | 1590   |

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CG10A-31-2-3-1

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|      |                  |      |                   |
|------|------------------|------|-------------------|
|      | -4<br>8/21<br>bk | 7/14 | 7309              |
|      | -5               | 7/13 | 7310<br>✓<br>8/10 |
| 7629 | C610A-32-5-2-1   | 7/14 | 7311<br>✓<br>8/10 |
|      | -2               | 7/16 | 7312              |
|      | -3               | 7/15 | 7313              |
|      | -4               | 7/15 | 7314              |
|      | -5               | 7/16 | 7315              |
| 7637 | C610A-32-6-5-1   | 7/14 | 7316              |

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CG10A-32-9-5-1

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✓ 9/8

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7325

Toro-2

Cro

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bx 8/16

C610A-35-5-1-1

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C610A-35-8-5-1

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C610A-40-1-4-1

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C610A-40-10-1-1

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Biggs

Rhizoc. circle

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CG10A-44-2-4-1

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C610A-44-10-2-1

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7360

full normal  
 1/2 normal  
 1/4 normal

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C610A-45-2-3-1

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C610A-45-6-1-1

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DT  
unifon  
64 8/21

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✓  
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116

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7373

bx 8/16

C610A-45-10-3-1

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7374

rip ✓

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C610A-46-5-4-1

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7379

rip ✓

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7380

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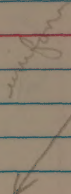
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✓  
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✓  
pip

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C610A-48-9-2-1

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pip

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Seeded 4/17/84

S-4, W 16

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7399

PI 372056

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11600

*mipled; golden & stems  
early & late*

7400

PI 372097

7/28

82/2132

7401

CG10A-53-1-3-1

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CG10A-53-4-1-1

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7752

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C610A-54-1-3-1

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7407

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7408

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7409

C610A-57-2-4-1

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|       |                 |      |      |
|-------|-----------------|------|------|
|       |                 |      |      |
| 7413  | C610A-57-4-3-1  | 7/12 | 7790 |
| ✓ PIP |                 |      |      |
| 7414  | -2              | 7/14 |      |
|       |                 |      |      |
| 7415  | -3              | 7/13 |      |
|       |                 |      |      |
| 7416  | C610A-57-4-5-1  | 7/12 | 7792 |
| ✓ PIP |                 |      |      |
| 7417  | -2              | 7/12 |      |
|       |                 |      |      |
| 7418  | -3              | 7/13 |      |
|       |                 |      |      |
| 7419  | C610A-57-10-3-1 | 7/14 | 7800 |
| ✓ PIP |                 |      |      |
| 7420  | -2              | 7/15 |      |
|       |                 |      |      |

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7421

Fd

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bx 8/21

CG10A-59-2-5-1

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CG10A-59-8-3-1

7815

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p/p ✓



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rip

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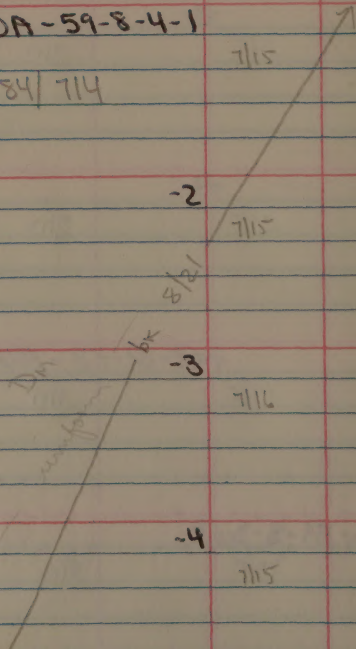
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C610A-61-2-3-1



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|------|----------------|------|---------|
| Fd   | LBLE           | 7/10 | 7453    |
|      |                |      | bk 8/21 |
| 7829 | CG10A-62-2-1-1 | 7/18 | 7454    |
|      | 84/717         |      |         |
|      | -2             | 7/17 | 7455    |
|      | -3             | 7/18 | 7456    |
|      | -4             | 7/17 | 7457    |
|      | -5             | 7/16 | 7458    |
|      |                |      | PIP ✓   |
| 7834 | CG10A-62-5-1-1 | 7/15 | 7459    |
|      |                |      | PIP ✓   |
|      | -2             | 7/15 | 7460    |



7461

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C610A-62-5-5-1

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7838

7465

bk 8/21-2

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7466

unif  
due to 8/21  
rogers

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7467

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|      |                |      |               |
|------|----------------|------|---------------|
| 7840 | CG10A-62-6-2-1 | 7/14 | 7469          |
|      | -2             | 7/14 | 7470<br>P/P ✓ |
|      | -3             | 7/14 | 7471          |
|      | -4             | 7/13 | 7472          |
|      | -5             | 7/15 | 7473          |
| 3    | RU 800 300 5   | 7/11 | 7474          |
| 7848 | CG10A-62-9-5-1 | 7/15 | 7475          |
|      | -2             | 7/13 | 7476<br>P/P ✓ |

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C610A-63-1-3-1

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C610A-63-6-2-1

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C610A-64-5-3-1

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CG10A-64-6-3-1

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CG10A-65-5-2-1

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C610A-65-9-3-1

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C610A-68-2-4-1

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C610A-68-6-2-1

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C610A-70-2-2-1

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C610A-70-5-2-1

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C610A-70-5-5-1

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C610A-70-8-2-1

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C610A-74-1-5-1

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C610A-74-8-4-1

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C610A-80-2-5-1

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C610A-80-5-1-1

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C610A-80-8-3-1

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C610A-80-10-1-1

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RU8303181

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CG10A-83-8-4-1

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| 7557 | C610A-83-10-5-1 | 7/16- |  | 1983 |
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| 7558 |                 | 7/17  |  |      |
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|      | -3              |       |  |      |
| 7559 |                 | 7/17  |  |      |
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|      | -4              |       |  |      |
| 7560 |                 | 7/17  |  |      |
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|      | -5              |       |  |      |
| 7561 |                 | 7/17  |  |      |
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|      | C610A-98-1-4-1  |       |  |      |
| 7562 |                 | 7/17  |  | 1997 |
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| 7564 |                 | 7/15  |  |      |

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C610A-98-7-3-1

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|      | -5               | 7/14 | 7598 |
| 8054 | C610A-103-10-2-1 | 7/17 | 7599 |
|      | -2               | 7/18 | 7600 |
|      | -3               | 7/16 | 7601 |
| 8062 | C610A-105-2-5-1  | 7/18 | 7602 |
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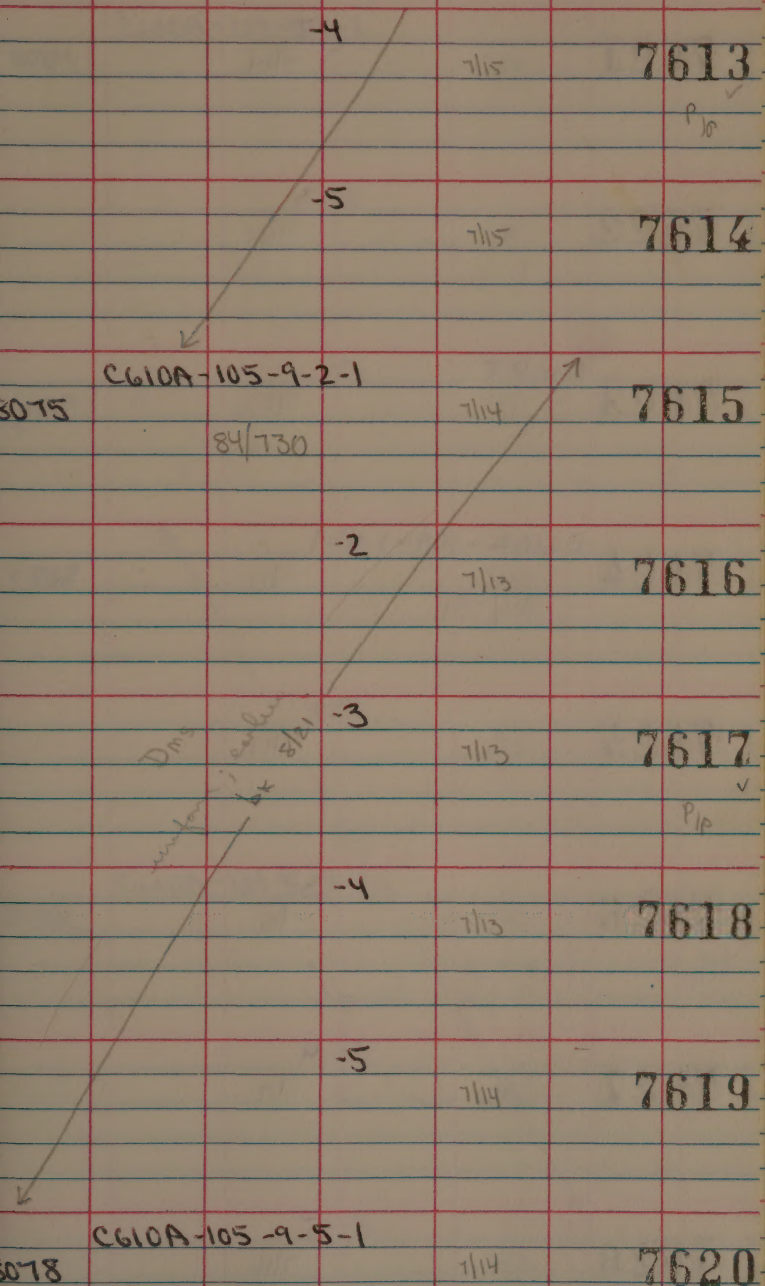
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CG10A-119-1-3-1

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CG10A-119-7-3-1

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C610A-BK<sub>2</sub>-2-2-1

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C610A-BK<sub>2</sub>-5-1-1

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CG10A-BK<sub>2</sub>-6-3-1

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C610A - Bk<sub>2</sub> - 14-1-1

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C610A-Bk<sub>2</sub>-22-1-1

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C610A-Bk<sub>2</sub>-24-4-1

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CG10A-Bk<sub>2</sub>-25-3-1

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C610A-BK<sub>2</sub>-29-5-1

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given to board.  
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C610A-BK<sub>2</sub>-39-4-1

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C610A-Bk<sub>2</sub>-55-1-1

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CG10A-BK<sub>2</sub>-57-1-1

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CG10A-BK<sub>2</sub>-58-1-1

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C610A-Bk<sub>2</sub>-58-3-1

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CG10A-Bk<sub>2</sub>-63-5-1

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CG10A-Bk<sub>2</sub>-64-4-1

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CG10A-BK<sub>2</sub>-72-2-1

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C610A-Bk<sub>2</sub>-75-2-1

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CG10A-BK<sub>2</sub>-92-5-1

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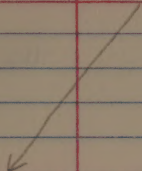
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CG10A-

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bk 914

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STBN

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C610A-

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C610A-

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8516



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C610A-

8520

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PIP ✓

C610A-

8522

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CG10A-3K-37-3-1

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C610A-

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C610A-

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C610A-

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C610A-

8574

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bk

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C610A-

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bk 8/22

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P18

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C610A-

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8596

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C610A-BK-85-1-1

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8601

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bx

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C610A-

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8607

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C610A-

8612

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C610A-

8618

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7985

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7113

7987

C610A-

8636

7117

7988

7989

7/16

7990

7/17

C610A-

7991

7/17

8641

7992

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7993

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7994

C610A-

84/763

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8644

7995

8/22

7/15

7996

7/14

✓ 8/19

C610A-

8649

84/764

7/17

7997

2000

8/1

bk 8/22

7/18

7998

7/16

7999

p/p

RU7703008

9677

7/21

8000

override so didn't bulk

o/p for seed





B8134A = B786A3 F, / LMNT

C610A = 9881 / 331581 // SKBT

7926







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

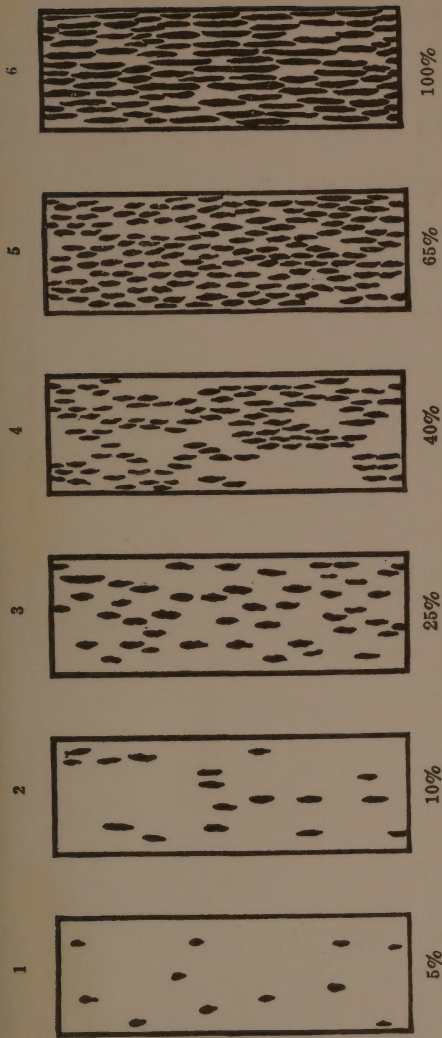


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

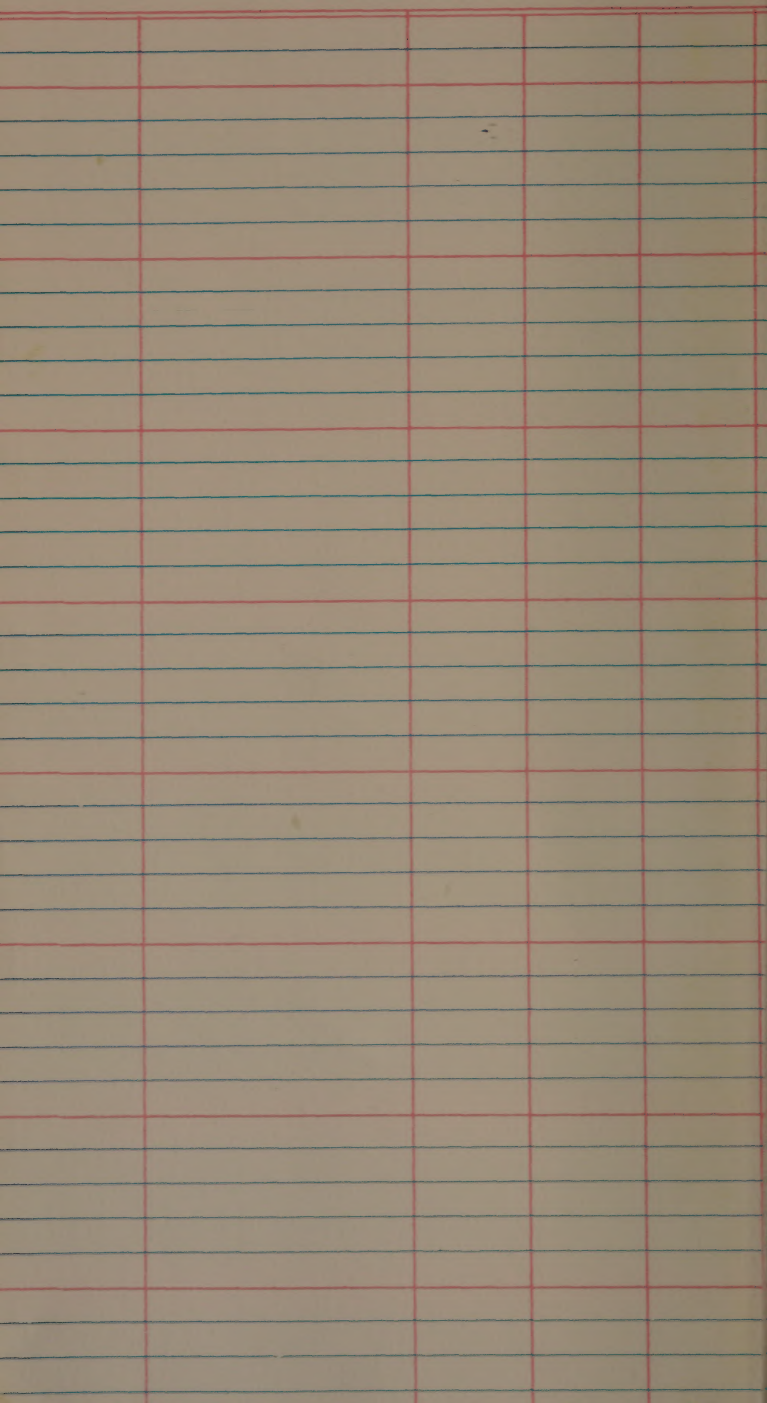
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

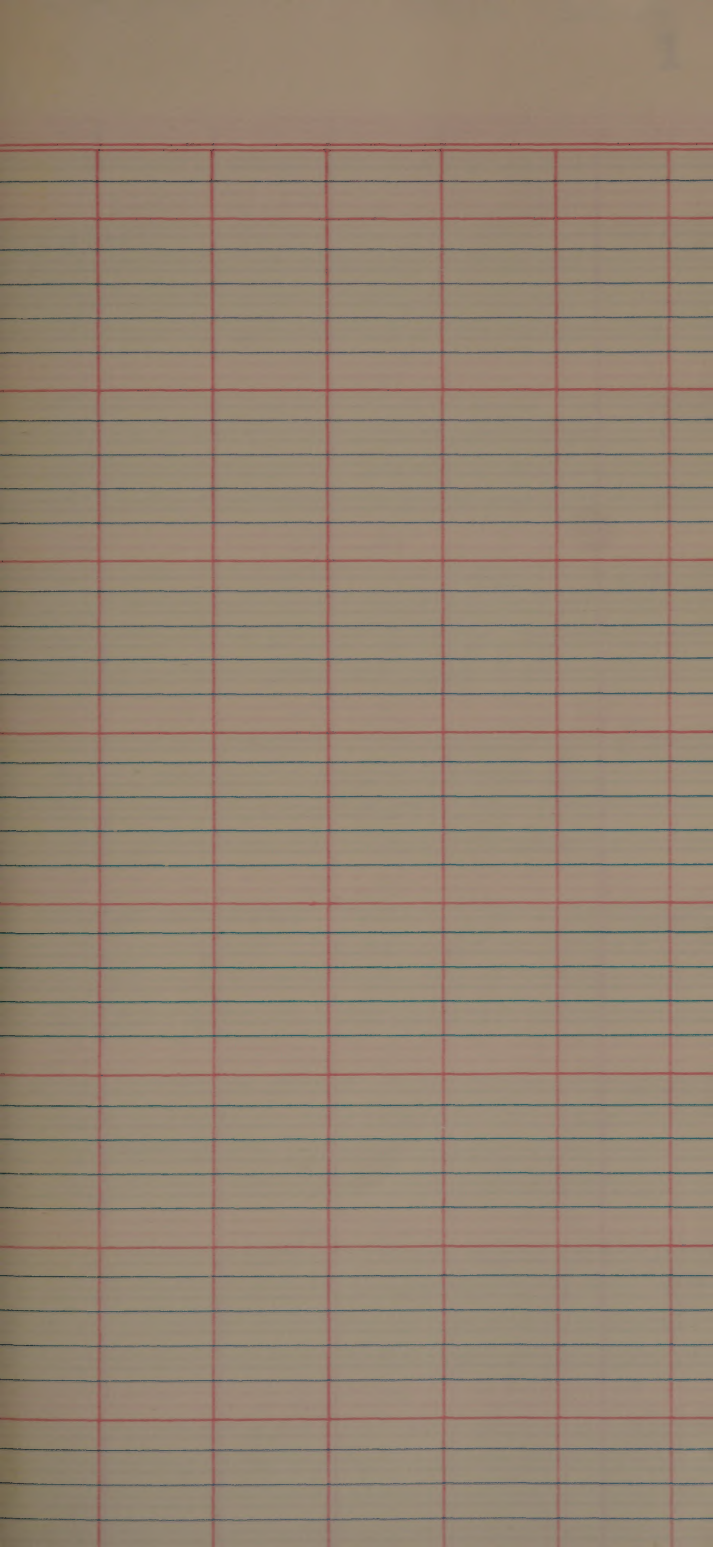
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

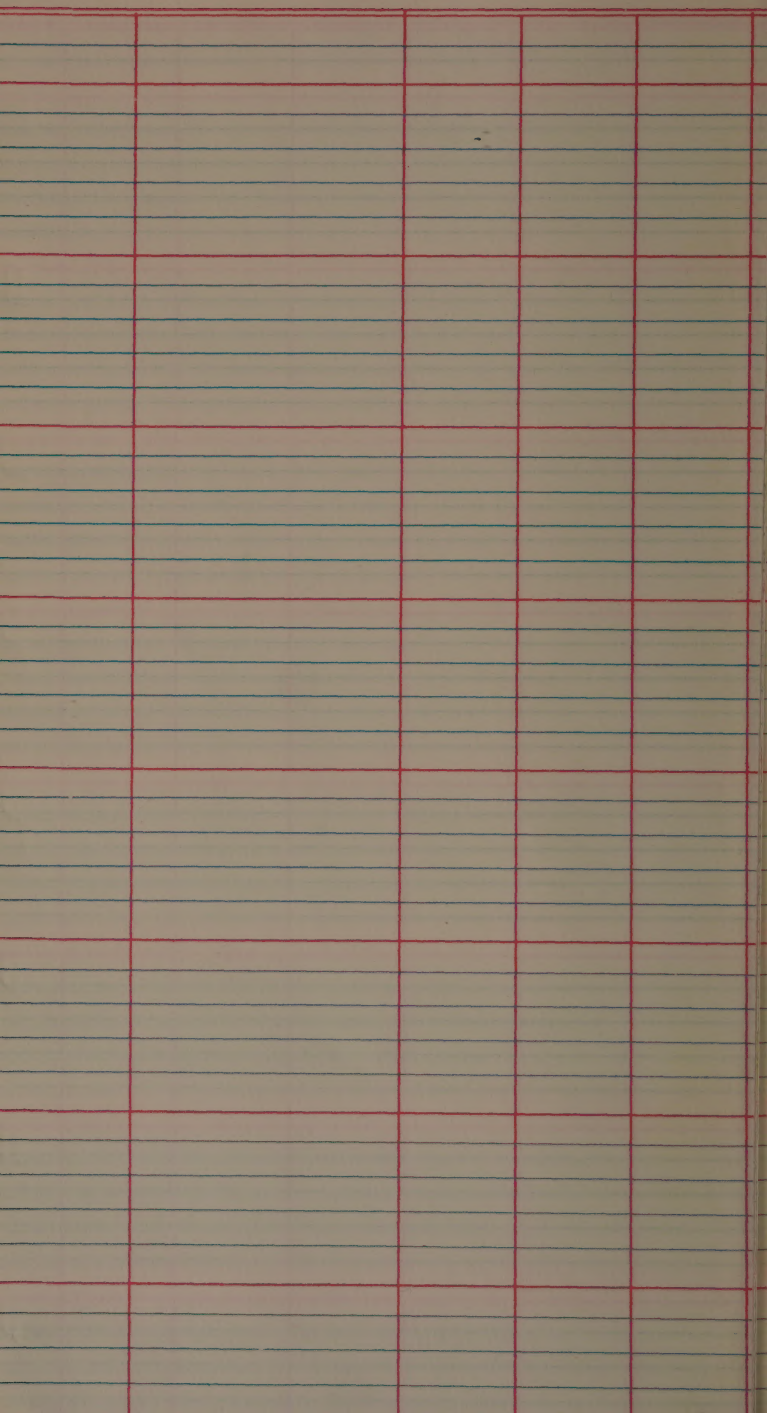


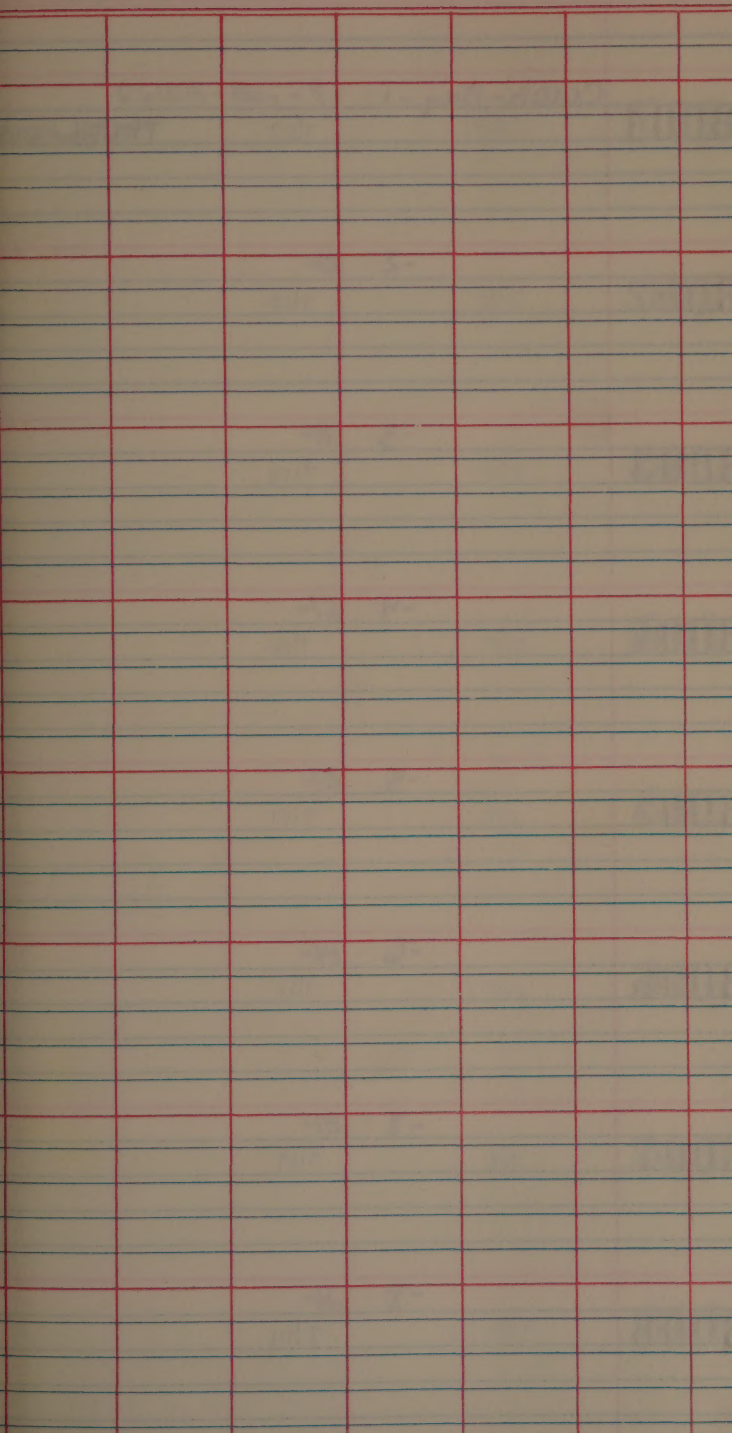














Seeded 4/17/84

S-4, 15 W

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|------|-------------|------|------------|
| 8001 | CG10A-BK7-1 | 7/27 | PR6716-690 |
| 8002 | -2          | 7/18 |            |
| 8003 | -3          | 7/18 |            |
| 8004 | -4          | 7/16 |            |
| 8005 | -5          | 7/17 |            |
| 8006 | -6          | 7/21 |            |
| 8007 | -7          | 7/19 |            |
| 8008 | -8          | 7/14 |            |

|             |      |      |
|-------------|------|------|
| C610A-BK7-9 | 7/16 | 8009 |
| 6716-6900   |      |      |
| -10         | 7/15 | 8010 |
| -11         | 7/17 | 8011 |
| -12         | 7/13 | 8012 |
| -13         | 7/16 | 8013 |
| -14         | 7/16 | 8014 |
| -15         | 7/15 | 8015 |
| -16         | 7/15 | 8016 |

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C610A-BK7-17

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|----|--------------|------|------|
| Fd | SKBT         | 7/10 | 8025 |
|    | C610A-Bk7-25 | 7/14 | 8026 |
|    | -26          | 7/12 | 8027 |
|    | -27          | 7/13 | 8028 |
|    | -28          | 7/14 | 8029 |
|    | -29          | 7/14 | 8030 |
|    | -30          | 7/13 | 8031 |
|    | -31          | 7/14 | 8032 |



C610A-BK7-32

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C610A-BK7-40

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| 8049 | C610A-Bk7-48 | 7/15 |    |
| 8050 | LMNT         | 7/18 | Fd |
| 8051 | C610A-Bk7-49 | 7/16 |    |
| 8052 | -50          | 7/14 |    |
| 8053 | -51          | 7/9  |    |
| 8054 | -52          | 7/15 |    |
| 8055 | -53          | 7/13 |    |
| 8056 | -54          | 7/13 |    |

C610A - Bk7 - 55

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C610A-BK7-63

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C610A-Bk<sub>7</sub>-71

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8073

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8074

LBLE

Fd

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8075

C610A-Bk<sub>7</sub>-73

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8076

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8077

b/c 9/4

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C610A-BK7-78

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C610A - Bk7 - 86

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C610A-BK7-94

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8100

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8101

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C610A - BK7 - 102  
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C610A-Bk7-110

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C610A-Bk7-118

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CB801

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C610A-Bk7-122

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C610A-Bx7-125

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C610A-BK7-133

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C610A-Bk7-141

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bk 9/4

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TBNT

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Stg

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C610A-Bk7-146

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bk 9/4

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CG10A-BK7-148

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C610A-Bk7 - 156

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C610A-BK7-170

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C610A-Bk7-171

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CG10A-BK7-179

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C610A-Bk7-187

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| C610A-BK7-195 | 7/16 | 8201 |
| 6716-6900     |      |      |
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| -197          | 7/16 | 8203 |
| -198          | 7/14 | 8204 |
| -199          | 7/17 | 8205 |
| -200          | 7/16 | 8206 |
| -201          | 7/16 | 8207 |
| -202          | 7/16 | 8208 |

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C610A - Bk7-288

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| Ed | NWRX          | 7/16 | 8425 |
|    | C610A-BK7-413 | 7/15 | 8426 |
|    | -414          | 7/12 | 8427 |
|    | -415          | 7/13 | 8428 |
|    | -416          | 7/12 | 8429 |
|    | -417          | 7/15 | 8430 |
|    | -418          | 7/16 | 8431 |
|    | -419          | 7/15 | 8432 |

8433

C610A-BK7-420

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C610A-Bk1-428

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C610A-BK7-436

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C610A-BK7-437

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C610A - Bk7 - 451

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C610A-Bk7-459

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8473

-460

7113

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Della

7118

8475

C610A-Bk7-461

7112

8476

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C610A-BK7-466

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PR6716-BACN

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CG10A-BK<sub>7</sub>-474

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C610A-BK7-482

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C610A-BK7-490

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C610A-Bk7-510

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C610A-Bk1-513

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C610A-Bk7-521

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bk 9/4

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8545 C610A-Bk7-529

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8546 -530

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8547 -531

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8548 -532

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8549 -533

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8550 BOND

7/10

Stg

8551 C610A-Bk7-534

7/15

8552 -535

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C610A-B<sub>K</sub>1-536

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C610A-Bk7-544

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C610A-BK7-552

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LBLE-X2-1

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8575

C610A-BK7-558

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C610A-B\*7-559

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C610A-BK7-567

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8589

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8593

C610A-BK7-575

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PR 6716-6900

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b/c 9/4

8598

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8600

PI 408449

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18992-19000

Seeded 4/18/84

S-4, 14 W

39

9653

C642A-1-4-2-1

84/643

7/118

8601

-2

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8602

-3

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8603

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8604

-5

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9658

C642A-4-5-2-1

84/645

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8606

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8607

-3

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8608



8609

-4

7/15

8610

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8611

C642A-6-4-1-1

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9662

84/1276

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-2

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C642A-11-1-3-1

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P/10

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RU7703008

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9677

bK 8/27

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9681

8628

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8629

-3

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8630

-4

7/16

8631

-5

7/18

8632

C642A-22-1-5-1

7/16

9687

84/649

PLP

bK 8/27

-2

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8633

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8634

bx 9/4

-4

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8635

-5

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8636

C642A-23-2-2-1

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8638

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8639

-4

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8640

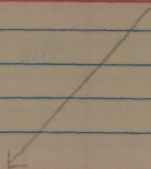


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✓ P/P

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7/9



8642

✓ P/P

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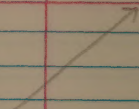
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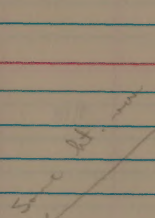
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84/651

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9697

8648

✓ P/P

8/27

-2

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-3

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8649

-4

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8650

P 10 ✓

-5

7/16

8651

bx 8/27

RU7801007

9651

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8652

bx 8/27

C642A-28-5-2-1

9699

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8653

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8654

bx 9/14

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8655

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8656

P 10 ✓

8657

-5  
7/12

8658

C642A-29-3-4-1

84/1278

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9706

8659

-2  
7/14

8660

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W. 1/2

6x 8/21

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8661

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8662

-5  
7/14

8663

C642A-31-5-2-1

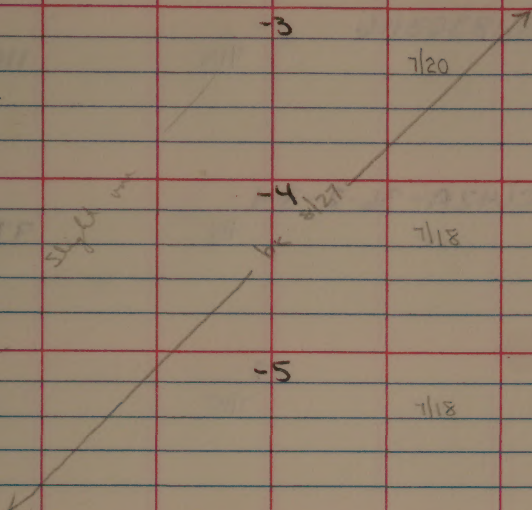
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7/18

9709

8664

-2  
7/18



866

866

8667

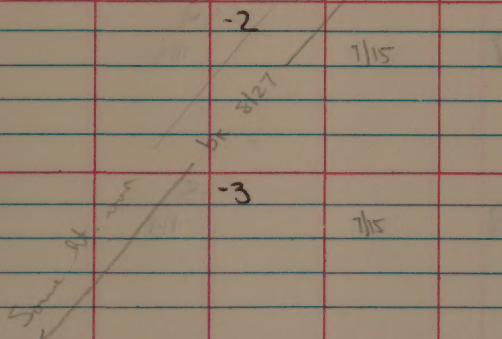
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84/655

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866



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8670

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8672



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116

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8676

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8677

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8678

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9124

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8682

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C642A-39-4-2-1

9730

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8684

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8685

b/c 9/4

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8686

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8687

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8688

C642A-40-3-1-1

86889

84/657

7/15

9734

86890

-2

8/27

7/15

bk

86891

-3

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86892

-4

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86893

-5

7/14

86894

C642A-Bk-14-4-1

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9742

86895

-2

7/17

86896

-3

7/14

-4

7/15

8697

bk 9/4

-5

7/13

8698

C642A-Bk-21-2-1

9745

84/1279

7/18

8699

-2

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8700

-3

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8701

-4

7/14

8702

p. 18 ✓

bk 8/27

-5

7/14

8703

C642A-Bk-29-5-1

9754

84/659

7/16

8704



8705

-2

7/16

8706

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8707

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8708

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8709

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9157

84/660

8710

-2

7/17

8711

-3

7/15

8712

-4

7/14

-5

7/116

8713

C642A-BK-48-2-1

9761

84/661

7/111

8714

Pip

-2

7/112

8715

-3

7/112

8716

-4

7/114

8717

-5

7/114

8718

C642A-BK-48-4-1

9763

84/662

7/112

8719

-2

7/114

8720

8721

-3

7/11 -

8722

-4

7/14

8723

-5

7/11

8724

LBLE

7/10

Fd

8725

C642A-BK-52-4-1

7/19

9768

84/663

8726

-2

7/19

8727

-3

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8728

-4

7/23

Some variation  
(8725 & 8729  
together)

-5

7/19

8729

Pip ✓

bk 8/27

C642A-Bk-53-1-1

9770

7/17

8730

84/664

-2

7/16

8731

-3

7/13

8732

Pip ✓

-4

7/14

8733

-5

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8734

C642A-Bk-57-3-1

9778

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8735

-2

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8736



8737

-3  
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8738

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8739

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8740

C642A-BK-61-4-1

84/665

7/14

9784

8741

ele

-2  
7/14

8742

-3  
7/15

8743

5-11-27  
bx 8/27

-4  
7/14

8744

-5  
7/15

C642A-BK-62-3-1

9788

84/1280

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8745

-2

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8746

-3

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8747

-4

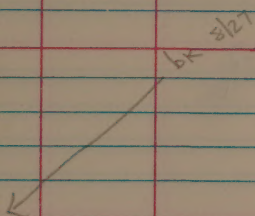
7/15

8748

-5

7/16

8749



LMNT

Fd

7/20

8750

bx 8/27

C642A-BK-63-2-1

9792

84/666

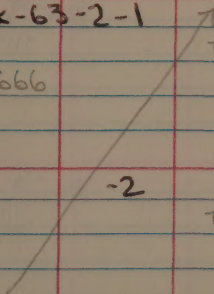
7/10

8751

-2

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8752



8753

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8754

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8756

C642A-BK-66-5-1

7/12

9800

8757

-2

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8758

-3

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8759

-4

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8760

-5

7/14

|          |             |      |                         |
|----------|-------------|------|-------------------------|
| 19352-99 | C642A-BK4-1 | 7/17 | 8761<br>P/p ✓           |
|          | -2          | 7/19 | 8762                    |
|          | -3          | 7/22 | 8763                    |
|          | -4          | 7/22 | 8764                    |
|          | -5          | 7/16 | 8765<br>P/p ✓           |
|          | -6          | 7/18 | 8766<br>P/p ✓<br>bk 9/4 |
|          | -7          | 7/17 | 8767                    |
|          | -8          | 7/20 | 8768                    |



|       |              |      |  |          |
|-------|--------------|------|--|----------|
|       |              |      |  |          |
| 8769  | C642A-Bky-9  | 7/19 |  | 19352-99 |
| 8770  | -10          | 7/12 |  |          |
| ✓ PIP |              |      |  |          |
| 8771  | -11          | 7/13 |  |          |
| 8772  | -12          | 7/20 |  |          |
| 8773  | -13          | 7/14 |  |          |
| 8774  | -14          | 7/13 |  |          |
| ✓ PIP |              |      |  |          |
| 8775  | BOND         | 7/10 |  | Stg      |
| 8776  | C642A-Bky-15 | 7/11 |  |          |
| ✓ PIP |              |      |  |          |

CG42A-BK4-16

7/16

8777

-17

7/13

8778

P/p ✓

-18

7/15

8779

-19

7/20

8780

-20

7/14

8781

P/p ✓

-21

7/13

8782

-22

7/19

8783

-23

7/16

8784

P/p ✓

|         |              |      |          |  |
|---------|--------------|------|----------|--|
|         |              |      |          |  |
| 8785    | C642A-BK4-24 | 7/13 | 19352-99 |  |
| ✓ P/P   |              |      |          |  |
| 8786    | -25          | 7/19 |          |  |
| 8787    | -26          | 7/13 |          |  |
| ✓ P/P   |              |      |          |  |
| 8788    | -27          | 7/13 |          |  |
| 8789    | -28          | 7/13 |          |  |
| ✓ P/P   |              |      |          |  |
| bx 9/14 |              |      |          |  |
| 8790    | -29          | 7/17 |          |  |
| 8791    | -30          | 7/15 |          |  |
| 8792    | -31          | 7/11 |          |  |

C642A-BK4-32

7/11

8793

P/P ✓

-33

7/14

8794

P/P ✓

-34

7/14

8795

-35

7/14

8796

bk 9/4

-36

7/16

8797

bk 9/4

-37

7/17

8798

P/P ✓

-38

7/23

8799

-39

7/23

8800



|      |              |      |          |  |
|------|--------------|------|----------|--|
|      |              |      |          |  |
| 8801 | C642A-BK4-40 | 7/22 | 19352-99 |  |
| 8802 | -41          | 7/17 |          |  |
| 8803 | -42          | 7/19 |          |  |
| 8804 | -43          | 7/16 |          |  |
| 8805 | -44          | 7/17 |          |  |
| 8806 | -45          | 7/19 |          |  |
| 8807 | -46          | 7/16 |          |  |
| 8808 | -47          | 7/18 |          |  |

C642A-Bxy-48

7/14

8809

p/p ✓

-49

7/18

8810

-50

7/12

8811

p/p ✓

-51

7/19

8812

-52

7/14

8813

p/p ✓

-53

7/21

8814

-54

7/16

8815

-55

7/18

8816

|      |              |      |          |
|------|--------------|------|----------|
| 8817 | C642A-Bky-56 | 7/12 | 19352-99 |
|------|--------------|------|----------|

|      |     |      |  |
|------|-----|------|--|
| 8818 | -57 | 7/12 |  |
|------|-----|------|--|

✓ P/p

|      |     |      |  |
|------|-----|------|--|
| 8819 | -58 | 7/16 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 8820 | -59 | 7/16 |  |
|------|-----|------|--|

✓ P/p

|      |     |      |  |
|------|-----|------|--|
| 8821 | -60 | 7/16 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 8822 | -61 | 7/17 |  |
|------|-----|------|--|

✓ P/p

|      |     |      |  |
|------|-----|------|--|
| 8823 | -62 | 7/14 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 8824 | -63 | 7/17 |  |
|------|-----|------|--|

|          |              |      |      |           |
|----------|--------------|------|------|-----------|
| 2029     | Early Belle  | 6/28 | 8825 | 6/18 7/18 |
| 19352-99 | C642A-BK4-64 | 7/18 | 8826 |           |
|          | -65          | 7/18 | 8827 |           |
|          | -66          | 7/18 | 8828 | ✓<br>p/p  |
|          | -67          | 7/14 | 8829 |           |
|          | -68          | 7/20 | 8830 | ✓<br>p/p  |
|          | -69          | 7/18 | 8831 |           |
|          | -70          | 7/18 | 8832 |           |



|          |              |      |          |
|----------|--------------|------|----------|
| 8833     | C642A-BK4-71 | 7/19 | 19352-99 |
| 8834     | -72          | 7/18 |          |
| 8835     | -73          | 7/17 |          |
| 8836     | -74          | 7/22 |          |
| 8837     | -75          | 7/24 |          |
| ✓<br>P1P |              |      |          |
| 8838     | -76          | 7/14 |          |
| 8839     | -77          | 7/16 |          |
| 8840     | -78          | 7/16 |          |

C642A-Bx4-79

7/17

8841

P/P ✓

b1c 9/4

-80

7/23

8842

-81

7/22

8843

-82

7/17

8844

-83

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| 1352-99 | C642A-Bky-234 | 7/18 | 9001 |
|         | -235          | 7/22 | 9002 |
|         | -236          | 7/17 | 9003 |
|         | -237          | 7/18 | 9004 |
|         | -238          | 7/15 | 9005 |
|         | -239          | 7/16 | 9006 |
|         | -240          | 7/17 | 9007 |
|         | -241          | 7/12 | 9008 |

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|----------|------------------|------|------|
| 19352-99 | C642A - Bky - BK | 7115 | 9161 |
|          |                  | 7113 | 9162 |
|          |                  | 7114 | 9163 |
|          |                  | 7113 | 9164 |
|          |                  | 7114 | 9165 |
|          |                  | 7115 | 9166 |
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| 9201 | C609A-Bk-1-4-3-1 | 8/1 | 8684 |
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| 9202 | -2 | 7/31 |  |
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| 9203 | -3 | 7/23 |  |
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| 9204 | -4 | 7/23 |  |
|------|----|------|--|

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| 9205 | -5 | 7/23 |  |
|------|----|------|--|

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| 9206 | C609A-Bk-4-2-1-1 | 7/26 | 8687 |
|      | 84/765           |      |      |

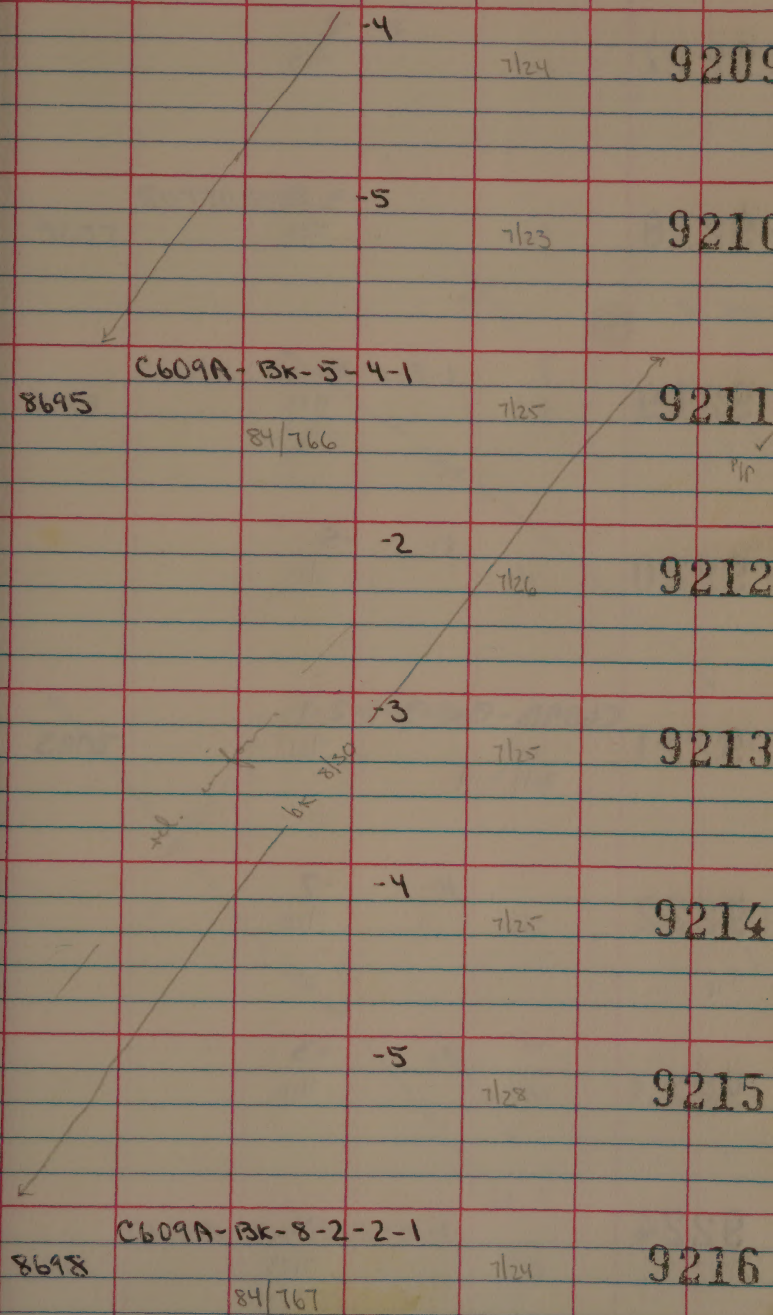
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| 9207 | -2 | 7/24 |  |
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| 9208 | -3 | 7/23 |  |
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|         |                   |      |  |      |
| 9249    |                   | -3   |  |      |
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| 9250    |                   | -4   |  |      |
|         |                   | 7/29 |  |      |
| 9251    |                   | -5   |  |      |
|         |                   | 7/26 |  |      |
| 9252    | RU1801067         | 7/20 |  | 8681 |
| bk 2/30 |                   |      |  |      |
| 9253    | C609A-BK-20-4-1-1 | 7/24 |  | 8733 |
| 9254    |                   | -2   |  |      |
|         |                   | 7/24 |  |      |
| 9255    |                   | -3   |  |      |
|         |                   | 7/26 |  |      |
| 9256    |                   | -4   |  |      |
|         |                   | 7/25 |  |      |

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|------|-------------------|--------|------|----------|
| 5tg  | TANT              |        | 7/19 | 9273     |
|      |                   |        |      | bk 8/30  |
| 8757 | C609A-BK-28-3-4-1 | 84/774 | 7/28 | 9274     |
|      |                   |        |      |          |
|      |                   |        | -2   | 9275     |
|      |                   |        | 7/31 |          |
|      |                   |        | -3   | 9276     |
|      |                   |        | 8/1  |          |
|      |                   |        | -4   | 9277     |
|      |                   |        | 8/1  | ✓<br>vip |
|      |                   |        | -5   | 9278     |
|      |                   |        | 8/1  |          |
| 8760 | C609A-BK-29-5-2-1 |        | 7/20 | 9279     |
|      |                   |        |      |          |
|      |                   |        | -2   | 9280     |
|      |                   |        | 7/20 |          |



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Pip

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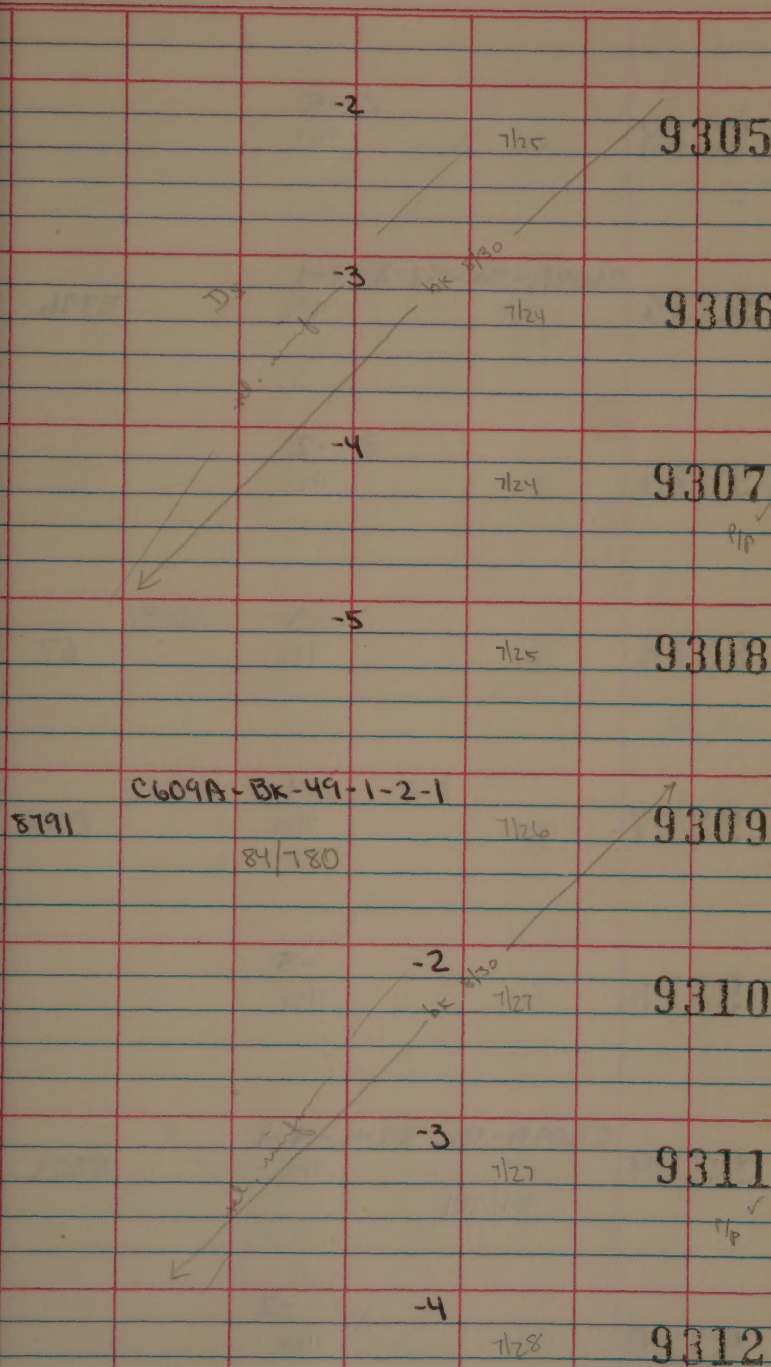
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8796

9315

-2

7/25

9316

-3

7/24

9317

-4

7/24

9318

-5

7/24

9319

C609A-BK-54-4-4-1

7/28

8803

84/781

9320

-2

7/28

84/781

-3

7/29

9321

Pp ✓

75; VUR

-4

7/29

9322

-5

7/28

9323

LBLE

Fd

7/16

9324

bk 8/30

C609A-BK-56-1-5-1

8809

7/24

9325

-2

7/28

9326

-3

7/26

9327

-4

7/25

9328

9329

-5

7/27

9330

C609A-BK-57-1-2-1

7/23

8811

84/182

9331

-2

7/19

9332

Disinfectant

for  
Disinfectant  
b/c 8/30

-3

7/19

9333

-4

7/21

9334

-5

7/19

9335

C609A-BK-58-1-1-1

7/19

8815

84/1269

9336

-2

7/19

-3

7/18

9337

32

Ds

+d. inf. ; calcs

bx 8/30

-4

7/18

9338

-5

7/18

9339

P/p ✓

C609A-BK-64-4-2-1

8821

7/18

9340

84/784

P/p ✓

-2

7/18

9341

Ds

+d. inf. ; calcs

bx 8/30

-3

7/18

9342

-4

7/17

9343

-5

7/18

9344



C609A-BK-71-3-3-1

9345

7/23

8828

84/785

-2

7/22

9346

-3

7/23

9347

-4

7/23

9348

-5

7/24

9349

LBNT

9350

7/23

Fd

bk 8/30

C609A-BK-71-5-4-1

9351

7/30

8834

-2

7/27

9352

-3

7/30

9353

-4

7/31

9354

-5

7/28

9355

C609A-BK-81-2-5-1

8840

84/1270

7/19

9356

-2

7/21

9357

-3

7/21

9358

-4

7/21

9359

-5

7/21

9360

Ds

unif

production

BK 8/30

8p

9361

C609A-BK-83-1-4-1

7/28

8844

9362

-2

7/28

9363

-3

7/23

9364

-4

7/24

9365

-5

7/28

9366

C609A-BK-86-4-4-1

84/787

7/27

8849

9367

-2

7/28

9368

DMT  
VUE  
EXCISE

-3

7/26

7127

9369

$\frac{P}{10}$

5

9370

C609A-BK-87-2-3-1

8854

9371

|    |     |
|----|-----|
| 84 | 788 |
|----|-----|

-2

9372

DMT 1000

-3-

7125

9373

9/9

4

9374

-5

9375

LMNT

F d

7/24

9376

bk 8/30



9377

C609A-BK-89-2-3-1

7/18

8859

9378

-2

7/26

9379

-3

7/25

9380

-4

7/25

9381

-5

7/22

9382

C609A-BK-92-4-5-1

7/22

8866

p/p

84/789

9383

-2

7/23

9384

-3

7/25

bK 8/30

full round; inf

-4

7/23

9385

-5

7/22

9386

C609A-BK-93-4-1-1

8867

7/28

9387

-2

7/28

9388

-3

7/28

9389

-4

7/28

9390

-5

7/24

9391

C609A-BK-94-4-2-1

8873

7/24

9392

84/790

9393

-2

7/29

9394

DT 1 year  
info 1 year  
bk 8/30

-3

7/24

9395

-4

7/28

9396

-5

7/29

9397

C609A-Bk-95-5-2-1

7/27

8879

9398

-2

7/28

9399

-3

7/28

9400

-4

7/27



-9

7/28

9401

C609A-BK-98-3-1-1

8883

7/20

9402

-2

7/24

9403

-3

7/22

9404

-4

7/21

9405

-5

7/21

9406

C609A-3-4-3-1

8890

84 | 1271

7/20

9407

-2

7/20

9408



9409

-3

7/19

9410

-4

7/19

9411

-5

7/20

9412

C609A-5-2-2-1

7/23

8894

9413

-2

7/22

9414

-3

7/22

9415

-4

7/21

9416

-5

7/23

8900

C609A-6-2-3-1

7/22

9417

-2

7/23

9418

-3

7/21

9419

-4

7/22

9420

-5

7/21

9421

Fd

BLMT

7/24

9422

bk 880

8907

C609A-9-2-5-1

7/22

9423

-2

7/23

9424

9425

-3

7/20

9426

-4

7/21

9427

-5

7/20

9428

C609A-12-3-4-1

7/20

8911

9429

-2

7/20

9430

-3

7/21

9431

-4

7/21

9432

-5

7/20

C609A-15-4-5-1

8917

7/23

9433

-2

7/22

9434

-3

7/20

9435

-4

7/23

9436

-5

7/22

9437

C609A-16-4-2-1

8919

7/22

9438

84/792

-2

7/22

9439

-3

7/20

9440



9441

✓  
P/P

-4

7/20-

bx 8/30

9442

-5

7/20



9443

C609A-17-4-5-1

7/22

8928

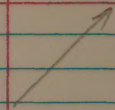
84/793

9444

-2

7/23

bx 8/30



9445

-3

7/23

Don  
Some st. run?  
very faint

9446

-4

7/24

9447

-5

7/23

9448

RU8003050

7/26

52

bx 8/30

8934

C609A-22-1-1-1

84/794

7/24

9449

-2

7/25

9450

-3

7/24

9451

P/p ✓

-4

7/27

9452

-5

7/25

9453

C609A-22-1-5-1

8938

7/24

9454

-2

7/24

9455

-3

7/22

9456

9457

-4

7/22

9458

-5

7/24

9459

C609A-22-4-2-1

7/18

8940

9460

-2

7/19

9461

-3

7/20

9462

-4

7/19

9463

-5

7/20

9464

C609A-25-2-1-1

7/18

8944

perhaps one of last?

-2

7/18

9465

-3

7/18

9466

-4

7/18

9467

-5

7/19

9468

C609A-25-4-2-1

8951

7/19

9469

-2

7/21

9470

-3

7/21

9471

-4

7/21

9472



9473

-5  
7/19

9474

LEAH

7/23

Cro

bk 8/30

9475

C609A-27-3-1-1

7/21

8960

84/1272

9476

-2

7/20

PIP

9477

-3

7/20

~~1 DMS~~  
~~9485-88~~  
~~letter thru~~

bk 8/30

9478

-4

7/19

9479

-5

7/19

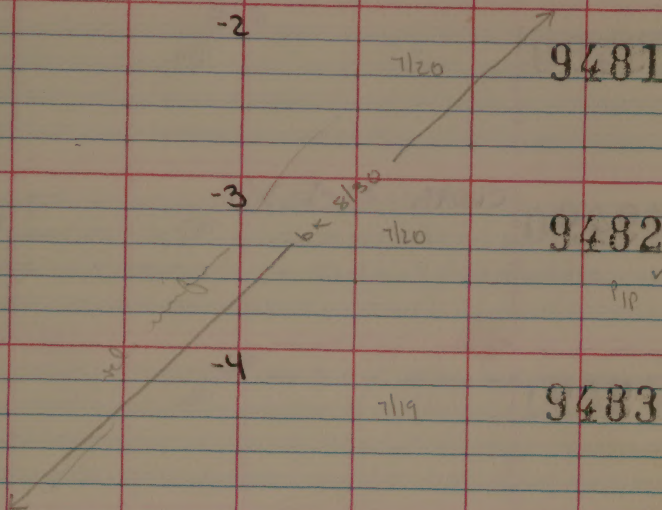
9480

C609A-27-3-3-1

7/17

8962

84/1273



C609A-27-4-3-1

8967

84/795

7/23

9485

p/p ✓

bk 8/30

-2

7/24

9486

-3

7/24

9487

-4

7/24

9488

9489

-5

7/24

9490

C609A-28-1-3-1

7/17

8972

9491

-2

7/16

9492

-3

7/17

9493

-4

7/17

9494

-5

7/16

9495

C609A-36-2-1-1

7/19

8976

9496

-2

7/19

-3

7/18

9497

-4

7/16

9498

-5

7/16

9499

C609A-38-3-4-1

8984

7/21

9500





C610A = 9881/331581//SKBT

C642A = 9881/331581//7801007

C609A = 9881/331581//7801067

9143







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

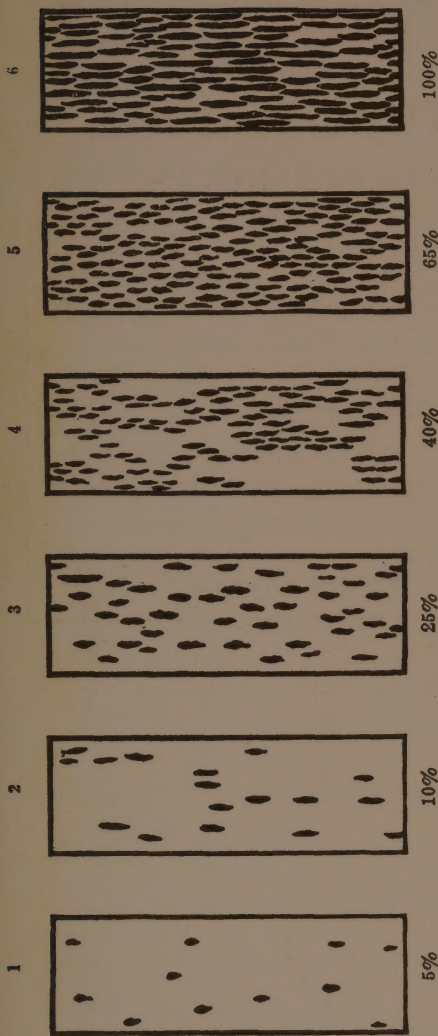
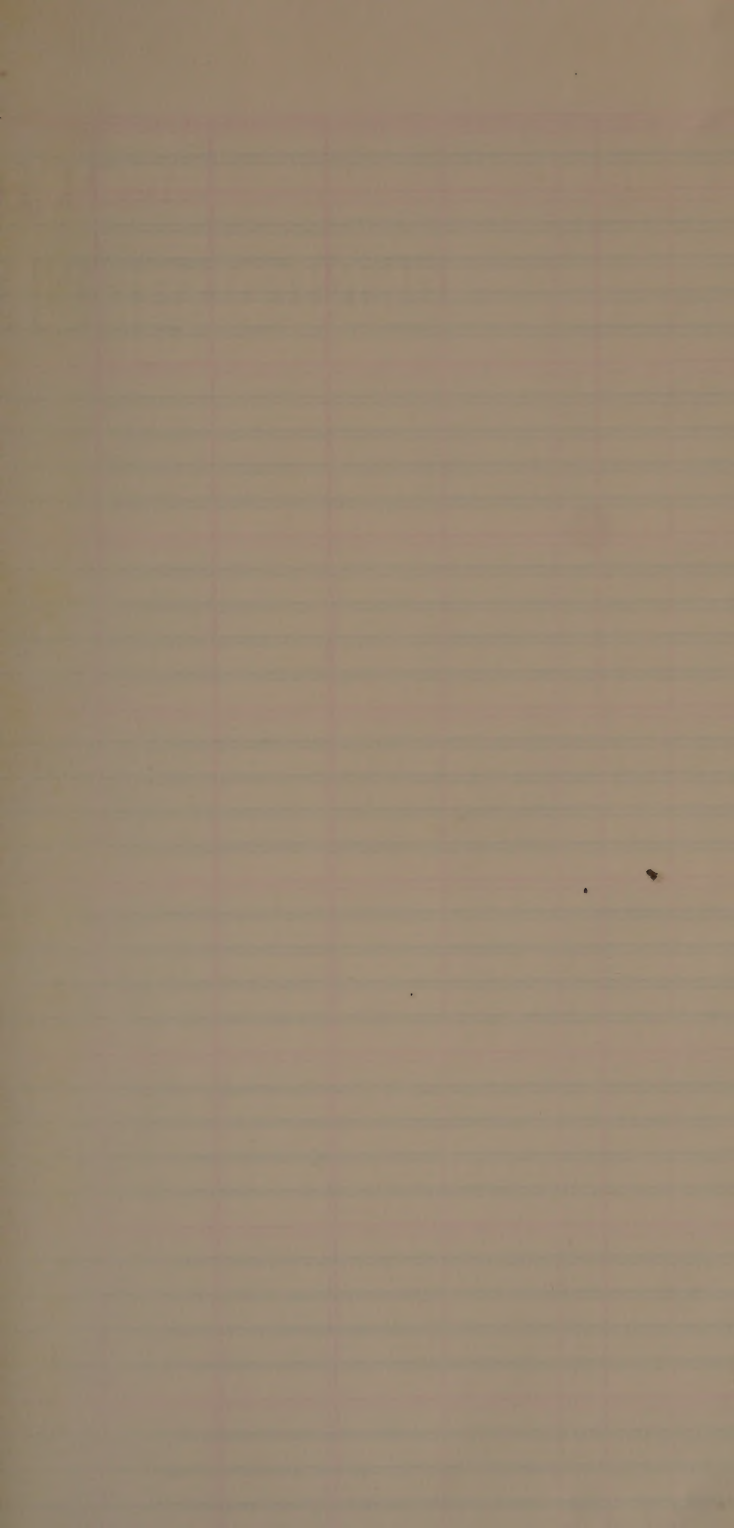


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

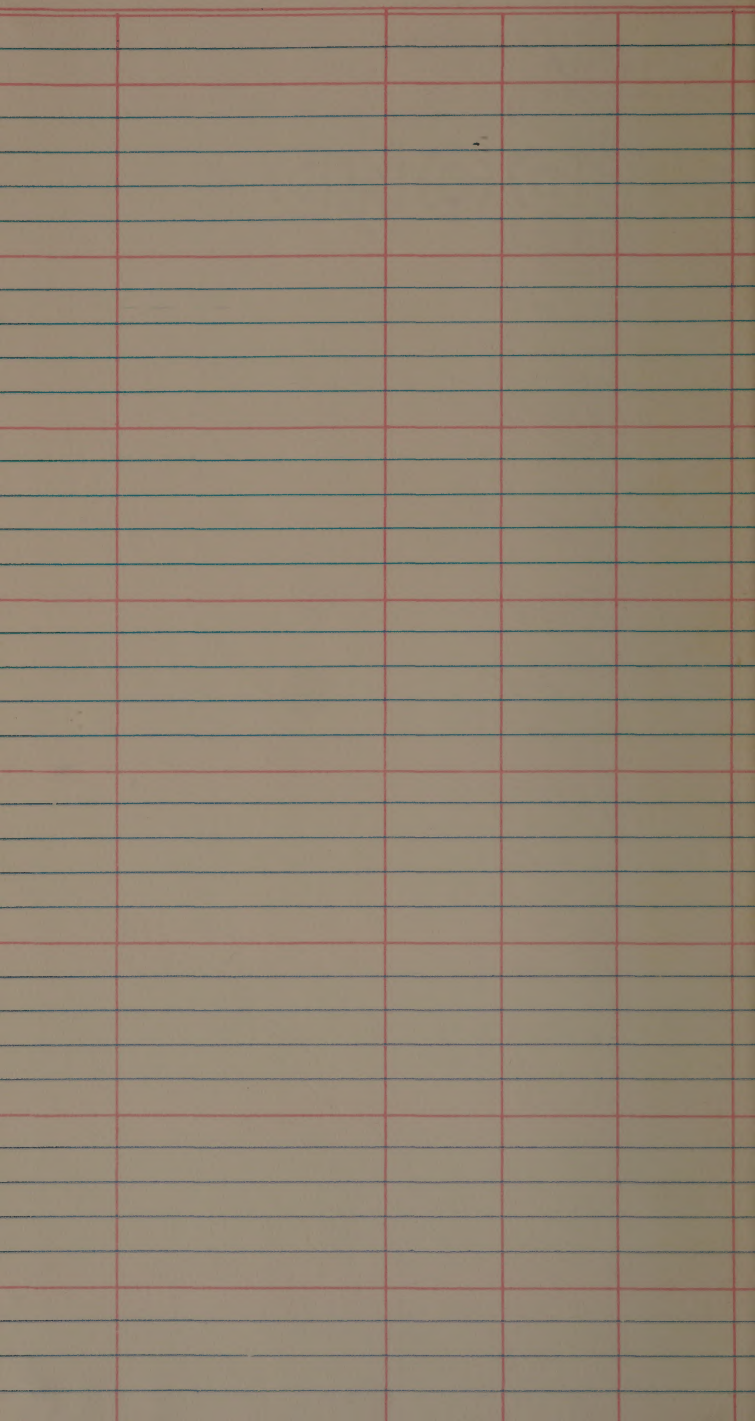
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

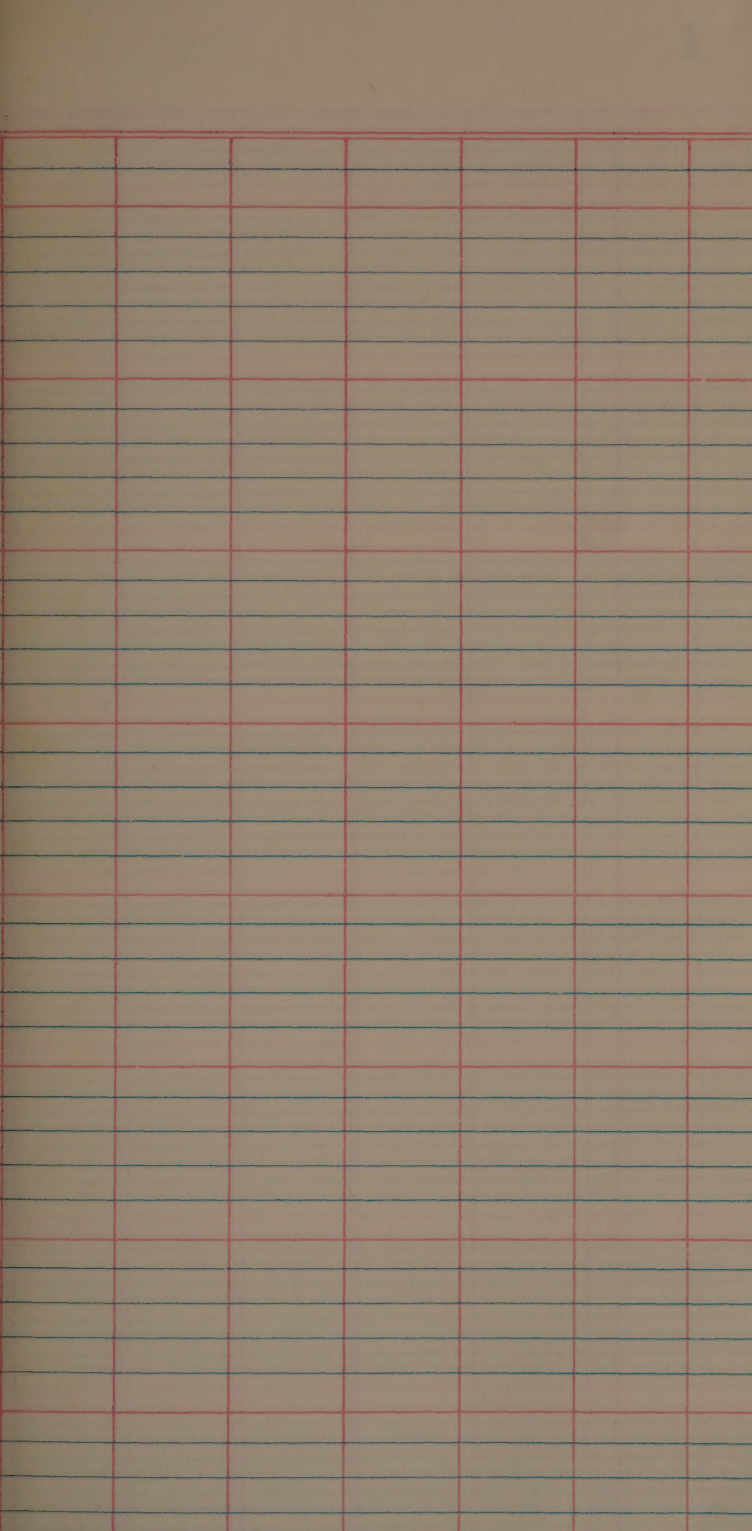
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

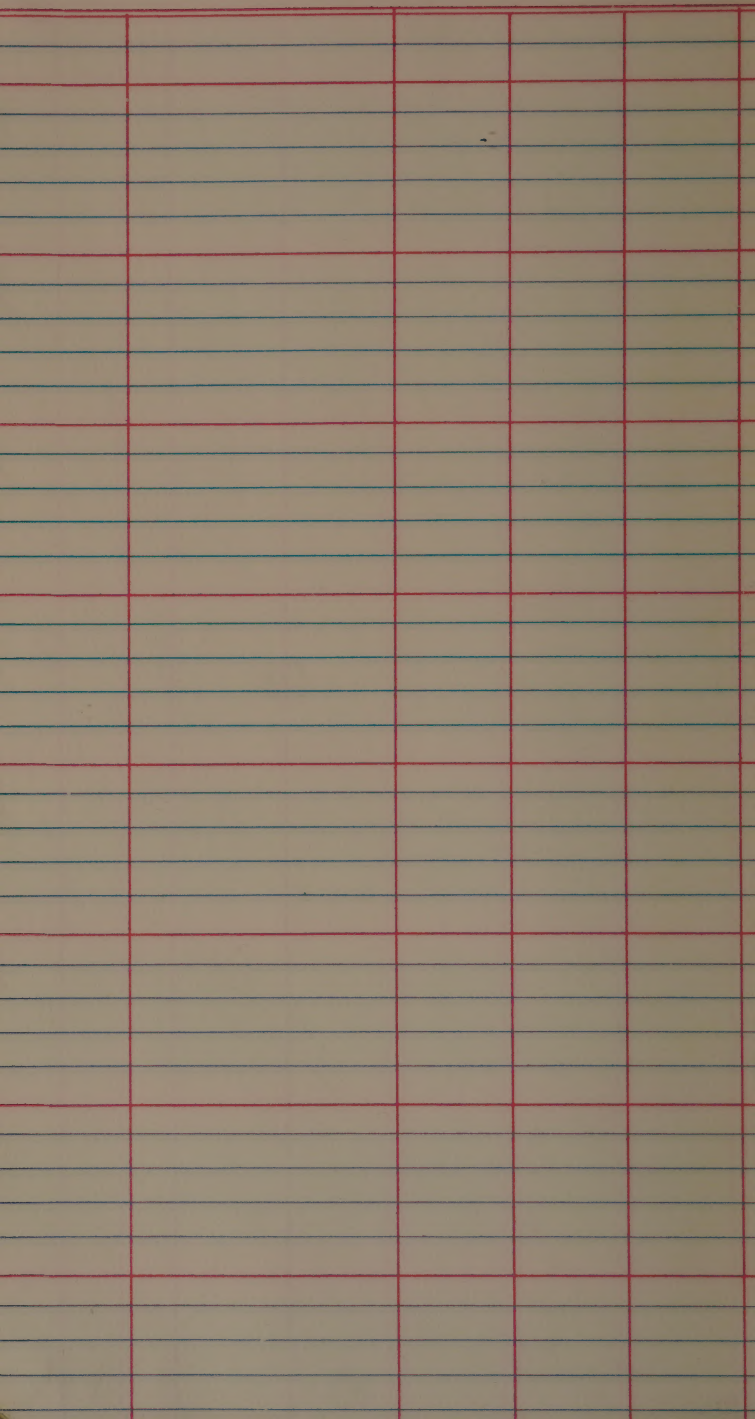


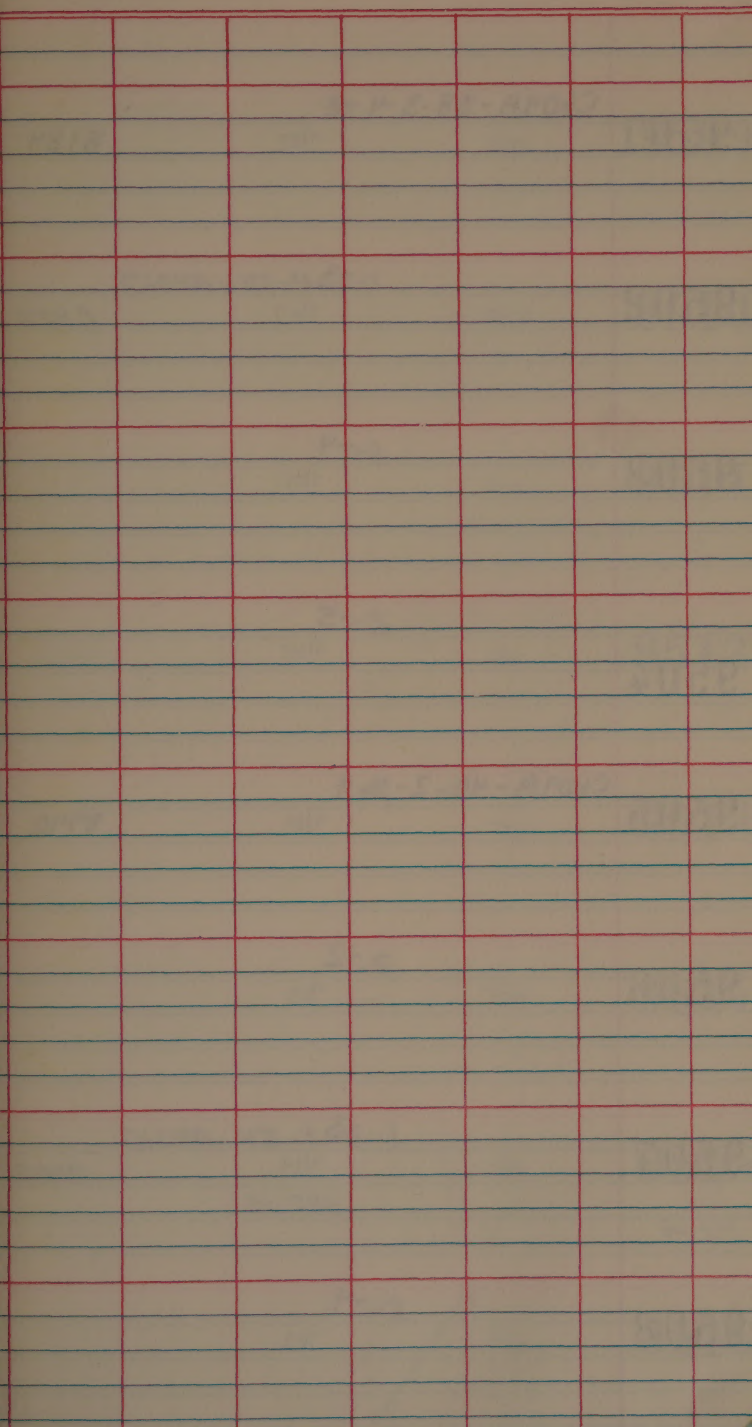














|      |                |      |  |      |
|------|----------------|------|--|------|
|      |                |      |  |      |
| 9501 | C609A-38-3-4-2 | 7/27 |  | 8984 |
| 9502 | -3             | 7/27 |  |      |
| 9503 | -4             | 7/25 |  |      |
| 9504 | -5             | 7/25 |  |      |
| 9505 | C609A-40-2-5-1 | 7/24 |  | 8990 |
| 9506 | -2             | 7/23 |  |      |
| 9507 | -3             | 7/24 |  |      |
| 9508 | -4             | 7/22 |  |      |

-5

7/23

9509

C609A-42-4-3-1

8993

7/22

9510

-2

7/22

9511

-3

7/26

9512

-4

7/22

9513

-5

7/22

9514

C609A-43-1-5-1

9000

84/796

7/19

9515

bk 9/4

-2

7/19

9516

9517

-3

7/21

9518

*tel. conf  
letter*

*bx 8100-4*

7/19

9519

-5

7/19

9520

C609A-44-4-2-1

7/19

9002

9521

-2

7/20

9522

-3

7/22

9523

-4

7/22

9524

-5

7/21

stg NWBT

7/27

9525

bk 8/30

C609A-50-3-1-1

9011

7/18

9526

84/797

-2

7/18

9527

-3

7/18

9528

-4

7/18

9529

-5

7/19

9530

C609A-52-5-2-1

9017

7/22

9531

84/798

-2

7/22

9532



9533

-3

7/24

9534

-4

7/23

9535

-5

7/19

9536

C609A-56-3-2-1

7/23

9028

84/799

9537

-2

7/22

9538

-3

7/23

9539

-4

7/20

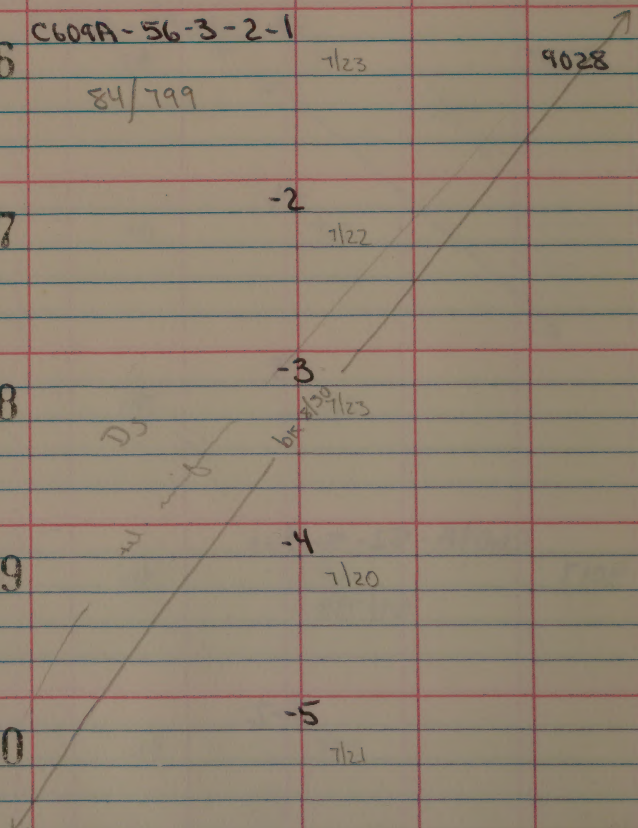
9540

-5

7/21

✓ flip  
b/c 8/30

✓ flip



C609A-58-1-2-1

9033

7/18

9541

-2

7/20

9542

-3

7/21

9543

-4

7/20

9544

-5

7/17

9545

C609A-58-5-3-1

9039

7/25

9546

-2

7/23

9547

-3

7/27

9548

9549

-4  
7/25

9550

-5  
7/25

9551 RU8303046

7/26

46

br 8/30

9552 C609A-59-1-4-1

7/26

9045

84/1274

9553

-2  
7/27

9554

-3  
7/25

DT  
H. Wilson  
long peng

9555

-4  
7/27

9556

-5  
7/26

✓ P/p  
1-100

C609A-63-3-2-1

9048

84/800

7/25

9557

-2

7/27

9558

-3

7/26

9559

-4

8/30

7/24

9560

-5

7/25

9561

C609A-64-4-5-1

9057

84/801

7/19

9562

-2

7/20

9563

-3

7/19

9564



9565

-4

7/21

9566

-5

7/20

9567

C609A-64-5-3-1

7/20

9060

9568

-2

7/21

9569

-3

7/22

9570

-4

7/22

9571

-5

7/22

9572

C609A-66-1-2-1

7/21

9064

-2

7/23

9573

DT

Shell + green plant

-3

7/23

9574

-4

7/22

9575

-5

7/23

9576

R08303181

181

7/23

9577

bk 8/30

C609A-68-3-3-1

9070

84/802

7/23

9578

-2

bk 8/30

7/23

9579

DMS

minif  
shell plant

-3

7/24

9580

P/p ✓

9 9581

-4  
7/23

9 9582

-5  
7/24

9 9583

C609A-73-2-4-1

7/21

9077

9 9584

-2  
7/22

9 9585

-3  
7/20

9 9586

-4  
7/20

9 9587

-5  
7/19

9 9588

C609A-75-1-5-1

7/24

9083

-2

7/25

9589

-3

7/26

9590

b/c 9/4

-4

7/26

9591

-5

7/24

9592

C609A-76-3-1-1

9089

84/1275

7/13

9593

p/p ✓

-2

7/16

9594

-3

7/13

9595

-4

7/15

9596



DMS

indicated

with

at

b/c 8/10



9597

-5  
7/16

9598

C609A-77-5-3-1

84/803

7/24

9096

9599

bk 8/30

-2  
7/24

9600

-3  
7/24

9601

-4  
7/23

9602

-5  
7/25

9603

C609A-78-1-1-1

7/22

9099

9604

-2  
7/23

-3

7/23

9605

-4

7/22

9606

-5

7/22

9607

C609A-79-2-3-1

9106

7/21

9608

-2

7/22

9609

-3

7/23

9610

-4

7/22

9611

-5

7/22

9612

9613

C609A-81-3-3-1

7/21

9111

9614

-2

7/21

9615

-3

7/21

9616

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7/20

9617

-5

7/20

9618

C609A-83-3-2-1

7/21

9115

9619

-2

7/19

9620

-3

7/19

-4

7/14

9621

-5

7/20

9622

RU8303169

169

7/24

9623

bK 8/30

C609A-83-4-3-1

9121

7/23

9624

-2

7/23

9625

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9626

-4

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9627

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9628



9629

C609A-85-2-2-1

7/21

9/26

9630

-2

7/21

9631

-3

7/21

bk 9/14

9632

-4

7/19

9633

-5

7/20

9634

C609A-86-2-2-1

7/24

9/31

✓ 9/18

84/805

bk 8/30

9635

-2

7/26

9636

-3

7/25

5000 Mt. 3000

-4

7/24

9637

-5

7/23

9638

C609A-89-2-1-1

9135

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9639

-2

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9640

-3

7/21

9641

-4

7/21

9642

-5

7/21

9643

C609A-92-3-4-1

9143

7/28

9644

9645

-2

7/31

bk 9/4

9646

-3

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9647

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9648

-5

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9649

NWRX

7/26

Fd

bk 8/30

9650

C609A-93-2-1-1

7/27

9145

9651

-2

7/31

9652

-3

7/27

-4

7/28

9653

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7/28

9654

C609A-94-1-5-1

9155

84/806

7/27

9655

-2

7/25

9656

-3

7/21

9657

-4

7/20

9658

bx

8/30

7/23

9659

-5

C609A-95-1-3-1

9158

7/18

9660



9661

-2

7/18

bx 9/4

9662

-3

7/18

9663

-4

7/18

9664

-5

7/18

9665

C609A-95-5-5-1

7/18

9165

84/807

bx 8/30

9666

-2

7/20

9667

-3

7/19

bx 9/4

9668

-4

7/20

-5

7/21

9669

C609A-101-5-1-1

9166

7/22

9670

-2

7/25

9671

-3

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9672

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9673

-5

7/24

9674

C609A-108-4-3-1

9171

7/23

9675

-2

7/24

9676

9677

-3

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bK 9/4

9678

-4

7/25

9679

-5

7/25

9680

C609A-113-1-2-1

7/25

9/13

9681

-2

7/24

9682

-3

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bK 9/4

9683

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9684

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|          |            |    |      |         |  |
|----------|------------|----|------|---------|--|
|          |            |    |      |         |  |
| Biggs    | L-202      |    | 7/14 | 9685    |  |
|          |            |    |      | bk 8/30 |  |
| 19502-49 | C609A-BK-1 |    | 7/22 | 9686    |  |
|          |            | -2 | 7/22 | 9687    |  |
|          |            | -3 | 7/20 | 9688    |  |
|          |            | -4 | 7/27 | 9689    |  |
|          |            | -5 | 7/25 | 9690    |  |
|          |            | -6 | 7/26 | 9691    |  |
|          |            | -7 | 7/20 | 9692    |  |



9693

C609A-BK6-8

7/25

19502-49

9694

-9

7/25

9695

-10

7/26

9696

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7/25

9697

-12

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9698

-13

7/19

9699

-14

7/20

9700

-15

7/22

|         |             |      |        |
|---------|-------------|------|--------|
| 9502-49 | C609A-BK-16 | 7/27 | 9701   |
|         |             |      | bk 9/4 |
|         | -17         | 7/24 | 9702   |
|         | -18         | 7/23 | 9703   |
|         | -19         | 7/21 | 9704   |
|         | -20         | 7/26 | 9705   |
|         | -21         | 7/21 | 9706   |
|         | -22         | 7/27 | 9707   |
|         | -23         | 7/21 | 9708   |

9709

C609A-BK<sub>6</sub>-24

7/26

19502-49

9710

-25

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9711

-26

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9712

-27

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9713

-28

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9714

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9715

-30

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9716

-31

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|         |              |      |      |
|---------|--------------|------|------|
| 9502-49 | C609A-Bic-32 | 7/21 | 9717 |
|         | -33          | 7/22 | 9718 |
|         | -34          | 7/21 | 9719 |
|         | -35          | 7/25 | 9720 |
|         | -36          | 7/26 | 9721 |
|         | -37          | 7/27 | 9722 |
|         | -38          | 7/22 | 9723 |
|         | -39          | 7/27 | 9724 |



9725

CB801

8-1

Seven PB!

9726

C609A-Bx6-40

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19502-49

9727

-41

7/24

9728

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9729

-43

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9730

-44

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9731

-45

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9732

-46

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|                  |  |     |      |      |      |
|------------------|--|-----|------|------|------|
| C609A - Bk6 - 47 |  |     |      |      |      |
| 1502-49          |  |     | 7/26 |      | 9733 |
|                  |  | -48 |      | 7/23 | 9734 |
|                  |  | -49 |      | 7/25 | 9735 |
|                  |  | -50 |      | 7/25 | 9736 |
|                  |  | -51 |      | 7/27 | 9737 |
|                  |  | -52 |      | 7/27 | 9738 |
|                  |  | -53 |      | 7/23 | 9739 |
|                  |  | -54 |      | 7/23 | 9740 |

9741

C609A - Box 6 - 55

7/25

19502-49

9742

-56

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9743

-57

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9744

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9745

-59

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9746

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9747

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9748

-62

7/31

|         |             |      |      |
|---------|-------------|------|------|
| 9502-49 | C609A-BK-63 | 7/26 | 9749 |
| 116     | RU8303116   | 7/17 | 9750 |
| 502-49  | C609A-BK-64 | 7/27 | 9751 |
|         | -65         | 7/25 | 9752 |
|         | -66         | 7/21 | 9753 |
|         | -67         | 7/22 | 9754 |
|         | -68         | 7/24 | 9755 |
|         | -69         | 7/26 | 9756 |



9757

C609A-BK6-70

7/24

19502-49

9758

-71

7/25

9759

-72

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9760

-73

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9761

-74

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9762

-75

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9763

-76

7/27

9764

-77

7/25

|         |              |      |      |
|---------|--------------|------|------|
| 1502-49 | C609A-BK6-78 | 7/25 | 9765 |
|         | -79          | 7/26 | 9766 |
|         | -80          | 7/22 | 9767 |
|         | -81          | 7/27 | 9768 |
|         | -82          | 7/25 | 9769 |
|         | -83          | 7/25 | 9770 |
|         | -84          | 7/21 | 9771 |
|         | -85          | 7/22 | 9772 |

|       |                           |      |          |
|-------|---------------------------|------|----------|
| 97773 | C609A-BK <sub>6</sub> -86 | 7/26 | 19502-49 |
|-------|---------------------------|------|----------|

|       |     |      |  |
|-------|-----|------|--|
| 97774 | -87 | 7/28 |  |
|-------|-----|------|--|

|       |        |      |     |
|-------|--------|------|-----|
| 97775 | Toro-2 | 7/22 | Cro |
|-------|--------|------|-----|

|       |                           |      |          |
|-------|---------------------------|------|----------|
| 97776 | C609A-BK <sub>6</sub> -88 | 7/25 | 19502-49 |
|-------|---------------------------|------|----------|

|       |     |      |  |
|-------|-----|------|--|
| 97777 | -89 | 7/25 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 97778 | -90 | 7/24 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 97779 | -91 | 7/26 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 97780 | -92 | 7/28 |  |
|-------|-----|------|--|

|          |                           |      |         |
|----------|---------------------------|------|---------|
| 19502-49 | C609A-BK <sub>6</sub> -93 | 7/22 | 9781    |
|          | -94                       | 7/26 | 9782    |
|          | -95                       | 7/24 | 9783    |
|          | -96                       | 7/26 | 9784    |
|          | -97                       | 7/24 | 9785    |
|          | -98                       | 7/27 | 9786    |
|          | -99                       | 7/21 | 9787    |
|          | -100                      | 7/25 | 9788    |
|          |                           |      | bis 914 |



|      |               |      |          |
|------|---------------|------|----------|
| 9789 | C609A-BK6-101 | 7/25 | 19502-49 |
|------|---------------|------|----------|

|      |      |      |  |
|------|------|------|--|
| 9790 | -102 | 7/25 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9791 | -103 | 7/25 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9792 | -104 | 7/24 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9793 | -105 | 7/22 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9794 | -106 | 7/24 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9795 | -107 | 7/24 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9796 | -108 | 7/28 |  |
|------|------|------|--|

Seeded 4/27/84

S-4, 12W

20

|         |               |      |      |
|---------|---------------|------|------|
| 9502-49 | C609A-BK6-109 | 7/26 | 9797 |
|         | -110          | 7/26 | 9798 |
|         | -111          | 7/25 | 9799 |
|         | -112          | 7/28 | 9800 |
|         | -113          | 7/30 | 9801 |
|         | -114          | 7/25 | 9802 |
|         | -115          | 7/27 | 9803 |
|         | -116          | 7/28 | 9804 |

C609A-BK6-117

9805

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19502-49

-118

9806

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-119

9807

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-120

9808

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-121

9809

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-122

9810

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-123

9811

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-124

9812

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|          |               |      |      |
|----------|---------------|------|------|
| 19502-49 | C609A-BK6-125 | 7/27 | 9813 |
|          | -126          | 7/24 | 9814 |
|          | -127          | 7/23 | 9815 |
|          | -128          | 7/25 | 9816 |
|          | -129          | 7/24 | 9817 |
|          | -130          | 7/21 | 9818 |
|          | -131          | 7/24 | 9819 |
|          | -132          | 8/1  | 9820 |



|      |               |      |          |
|------|---------------|------|----------|
| 9821 | C609A-Bk6-133 | 7/19 | 19502-49 |
| 9822 | -134          | 7/26 |          |
| 9823 | -135          | 7/24 |          |
| 9824 | -136          | 7/23 |          |
| 9825 | RU8003009     | 7/21 | 9        |
| 9826 | C609A-Bk6-137 | 7/23 | 19502-49 |
| 9827 | -138          | 7/24 |          |
| 9828 | -139          | 7/25 |          |

|          |               |      |      |
|----------|---------------|------|------|
| 19502-49 | C609A-Bk6-140 | 7/27 | 9829 |
|          | -141          | 7/21 | 9830 |
|          | -142          | 7/31 | 9831 |
|          | -143          | 7/26 | 9832 |
|          | -144          | 7/30 | 9833 |
|          | -145          | 7/29 | 9834 |
|          | -146          | 7/29 | 9835 |
|          | -147          | 7/23 | 9836 |

9837

C609A-Bk6-148

7/23

19502-49

bk 914

9838

-149

7/22

9839

-150

7/25

9840

-151

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9841

-152

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9842

-153

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9843

-154

7/24

9844

-155

7/24

|          |                            |      |      |
|----------|----------------------------|------|------|
| 19502-49 | C609A-BK <sub>6</sub> -156 | 7/24 | 9845 |
|          | -157                       | 7/25 | 9846 |
|          | -158                       | 7/26 | 9847 |
|          | -159                       | 7/25 | 9848 |
|          | -160                       | 7/26 | 9849 |
| Fd       | LMNT                       | 7/25 | 9850 |
| 19502-49 | C609A-BK <sub>6</sub> -161 | 7/30 | 9851 |
|          | -162                       | 7/23 | 9852 |



9853

C609A-Bx6-163

7/25

19502-49

9854

-164

7/26

9855

-165

7/21

9856

-166

8/1

9857

-167

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9858

-168

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9859

-169

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9860

-170

7/24

|         |               |      |      |
|---------|---------------|------|------|
| 9502-49 | C609A-Bk6-171 | 7/23 | 9861 |
|         | -172          |      | 9862 |
|         | -173          | 7/25 | 9863 |
|         | -174          | 7/26 | 9864 |
|         | -175          | 7/28 | 9865 |
|         | -176          | 7/27 | 9866 |
|         | -177          | 7/26 | 9867 |
|         | -178          | 7/25 | 9868 |

9869

C609A-BK-179

7/28

19502-49

9870

-180

7/26

9871

-181

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9872

-182

7/29

9873

-183

8/2

9874

-184

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9875

LBNT

7/21

Fd

9876

C609A-BK-185

7/25

|         |                            |      |      |
|---------|----------------------------|------|------|
| 9502-49 | C609A-Bk <sub>6</sub> -186 | 7/21 | 9877 |
|         | -187                       | 7/22 | 9878 |
|         | -188                       | 7/22 | 9879 |
|         | -189                       | 7/21 | 9880 |
|         | -190                       | 7/27 | 9881 |
|         | -191                       | 7/21 | 9882 |
|         | -192                       | 7/21 | 9883 |
|         | -193                       | 7/25 | 9884 |



|      |                            |      |          |
|------|----------------------------|------|----------|
| 9885 | C609A-Bk <sub>6</sub> -194 | 7/26 | 19502-49 |
|------|----------------------------|------|----------|

|      |      |      |  |
|------|------|------|--|
| 9886 | -195 | 7/25 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9887 | -196 | 7/22 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9888 | -197 | 7/20 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9889 | -198 | 7/25 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9890 | -199 | 7/21 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9891 | -200 | 7/24 |  |
|------|------|------|--|

|      |      |      |  |
|------|------|------|--|
| 9892 | -201 | 7/22 |  |
|------|------|------|--|

|         |                            |      |      |
|---------|----------------------------|------|------|
| 9502-49 | C609A-Bk <sub>6</sub> -202 | 7/22 | 9893 |
|---------|----------------------------|------|------|

|  |      |      |      |
|--|------|------|------|
|  | -203 | 7/20 | 9894 |
|--|------|------|------|

|  |      |      |      |
|--|------|------|------|
|  | -204 | 7/23 | 9895 |
|--|------|------|------|

bk 9/4

|  |      |      |      |
|--|------|------|------|
|  | -205 | 7/23 | 9896 |
|--|------|------|------|

|  |      |      |      |
|--|------|------|------|
|  | -206 | 7/24 | 9897 |
|--|------|------|------|

|  |      |      |      |
|--|------|------|------|
|  | -207 | 7/22 | 9898 |
|--|------|------|------|

|  |      |      |      |
|--|------|------|------|
|  | -208 | 7/23 | 9899 |
|--|------|------|------|

|  |      |      |      |
|--|------|------|------|
|  | -209 | 7/23 | 9900 |
|--|------|------|------|

bk 9/4

9901

C609A-BK<sub>6</sub>-210

7/26

19502-49

bk 9/4

9902

-211

7/27

9903

-212

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9904

-213

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9905

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9906

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9907

-216

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9908

-217

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|         |               |      |      |
|---------|---------------|------|------|
| 1502-49 | C609A-Bx6-218 | 7/22 | 9909 |
|         | -219          | 7/23 | 9910 |
|         | -220          | 7/25 | 9911 |
|         | -221          | 7/26 | 9912 |
|         | -222          | 7/24 | 9913 |
|         | -223          | 7/22 | 9914 |
|         | -224          | 7/25 | 9915 |
|         | -225          | 7/22 | 9916 |



9917 C609A-BK<sub>6</sub>-226 7/20 19502-49

9918 -227 7/24

9919 -228 7/26

9920 -229 8/1

9921 -230 7/24

9922 -231 7/23

9923 -232 7/22

9924 -233 7/25

|          |               |      |      |
|----------|---------------|------|------|
| 46       | RU8303046     | 7/24 | 9925 |
| 19502-49 | C609A-BK6-234 | 7/21 | 9926 |
|          | -235          | 7/23 | 9927 |
|          | -236          | 7/26 | 9928 |
|          | -237          | 8/1  | 9929 |
|          | -238          | 7/23 | 9930 |
|          | -239          | 7/24 | 9931 |
|          | -240          | 7/20 | 9932 |

9933

C609A-Bx<sub>6</sub>-241

7/31-

19502-49

9934

-242

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9935

-243

7/23

9936

-244

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9937

-245

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9939

-247

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-248

7/27

|          |                            |      |      |
|----------|----------------------------|------|------|
| 19502-49 | C609A-BK <sub>6</sub> -249 | 7/26 | 9941 |
|          | -250                       | 7/25 | 9942 |
|          | -251                       | 7/23 | 9943 |
|          | -252                       | 7/23 | 9944 |
|          | -253                       | 7/20 | 9945 |
|          | -254                       | 7/25 | 9946 |
|          | -255                       | 7/25 | 9947 |
|          | -256                       | 7/24 | 9948 |



9949

C609A-Bk<sub>6</sub>-257

7/25

19502-49

9950

CP231

7/30

border

9951

C609A-Bk<sub>6</sub>-258

7/27

19502-49

9952

-259

7/22

9953

-260

7/27

9954

-261

7/27

9955

-262

7/27

9956

-263

7/24

C609A-Bk6-264

19502-49

7/19

9957

-265

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9958

-266

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9959

-267

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9960

-268

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9961

-269

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9962

-270

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9963

bis 9/4

-271

7/23

9964

9965

C609A-Bx<sub>6</sub>-272

7/21

19502-49

9966

-273

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9967

-274

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9968

-275

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9969

-276

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-279

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|          |                            |      |        |
|----------|----------------------------|------|--------|
| 19502-49 | C609A-Bk <sub>6</sub> -280 | 7/25 | 9973   |
|          | -281                       | 7/25 | 9974   |
|          |                            |      | bk 9/4 |
| 82/2155  | LBLE-X2-1                  | 7/16 | 9975   |
| 19502-49 | C609A-Bk <sub>6</sub> -282 | 7/18 | 9976   |
|          | -283                       | 7/22 | 9977   |
|          | -284                       | 7/25 | 9978   |
|          | -285                       | 7/22 | 9979   |
|          | -286                       | 7/23 | 9980   |



9981

C609A-Bk<sub>6</sub>-287

7/19

19502-49

9982

-288

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9983

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9984

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9985

-291

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9986

-292

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9987

-293

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9988

-294

7/22

|          |                            |      |        |
|----------|----------------------------|------|--------|
| 19502-49 | C609A-Bk <sub>6</sub> -295 | 7/21 | 9989   |
|          | -296                       | 7/17 | 9990   |
|          |                            |      | bk 9/4 |
|          | -297                       | 7/21 | 9991   |
|          | -298                       | 7/22 | 9992   |
|          | -299                       | 7/23 | 9993   |
|          | -300                       | 7/20 | 9994   |
|          | -301                       | 7/20 | 9995   |
|          | -302                       | 7/24 | 9996   |

9997

C609A-Bk<sub>6</sub>-303

7/21-

19502-49

9998

-304

7/24

9999

-305

7/25

10000

-306

7/25

10001

-307

7/24

bK 9/4

10002

-308

7/27

bK 9/4

10003

-309

7/21

10004

-310

7/20

C609A-BK6-311

19502-49

7/27

10005

-312

7/21

10006

-313

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10007

-314

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10008

-315

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10009

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10010

-317

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10011

-318

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10012



10013

C609A-BK6-319

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19502-49

10014

-320

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10015

-321

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10016

-322

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10017

-323

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10018

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10019

-325

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bk 9/4

10020

-326

7/24

|          |                            |      |       |
|----------|----------------------------|------|-------|
| 19502-49 | C609A-BK <sub>6</sub> -327 | 7/19 | 10021 |
|          | -328                       | 7/20 | 10022 |
|          | -329                       | 7/19 | 10023 |
|          | -330                       | 7/20 | 10024 |
| Cro      | LEAH                       | 7/24 | 10025 |
| 19502-49 | C609A-BK <sub>6</sub> -331 | 7/22 | 10026 |
|          | -332                       | 7/22 | 10027 |
|          | -333                       | 7/25 | 10028 |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 10029 | C609A-BK <sub>6</sub> -334 | 7/25 | 19502-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 10030 | -335 | 7/21 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10031 | -336 | 7/22 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10032 | -337 | 7/21 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10033 | -338 | 7/19 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10034 | -339 | 7/20 |  |
|-------|------|------|--|

BK 9/4

|       |      |      |  |
|-------|------|------|--|
| 10035 | -340 | 7/23 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10036 | -341 | 7/22 |  |
|-------|------|------|--|



|          |               |      |       |
|----------|---------------|------|-------|
| 19502-49 | C609A-BK6-342 | 7/25 | 10037 |
|          | -343          | 7/25 | 10038 |
|          | -344          | 7/27 | 10039 |
|          | -345          | 7/19 | 10040 |
|          | -346          | 7/20 | 10041 |
|          | -347          | 7/25 | 10042 |
|          | -348          | 7/26 | 10043 |
|          | -349          | 7/24 | 10044 |



|       |              |      |          |
|-------|--------------|------|----------|
| 10045 | C609A-BK-350 | 7/21 | 19502-49 |
|-------|--------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 10046 | -351 | 7/26 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10047 | -352 | 7/21 |  |
|-------|------|------|--|

bic 9/4

|       |      |      |  |
|-------|------|------|--|
| 10048 | -353 | 7/22 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10049 | -354 | 7/22 |  |
|-------|------|------|--|

|       |      |      |     |
|-------|------|------|-----|
| 10050 | TBNT | 7/17 | Stg |
|-------|------|------|-----|

|       |              |      |          |
|-------|--------------|------|----------|
| 10051 | C609A-BK-355 | 7/21 | 19502-49 |
|-------|--------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 10052 | -356 | 7/21 |  |
|-------|------|------|--|

|          |              |      |       |
|----------|--------------|------|-------|
| 19502-49 | C609A-BK-357 | 7/24 | 10053 |
|          | -358         | 7/23 | 10054 |
|          | -359         | 7/21 | 10055 |
|          | -360         | 7/24 | 10056 |
|          | -361         | 7/21 | 10057 |
|          | -362         | 7/21 | 10058 |
|          | -363         | 7/25 | 10059 |
|          | -364         | 7/21 | 10060 |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 10061 | C609A-Bk <sub>6</sub> -365 | 7/24 | 19502-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 10062 | -366 | 7/25 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10063 | -367 | 7/21 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10064 | -368 | 7/22 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10065 | -369 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10066 | -370 | 7/20 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10067 | -371 | 7/26 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10068 | -372 | 7/18 |  |
|-------|------|------|--|

|          |               |      |       |
|----------|---------------|------|-------|
| 19502-49 | C609A-BK6-373 | 7/22 | 10069 |
|          | -374          | 7/24 | 10070 |
|          | -375          | 7/24 | 10071 |
|          | -376          | 7/21 | 10072 |
|          | -377          | 7/24 | 10073 |
|          | -378          | 7/21 | 10074 |
| Fd       | BLMT          | 7/23 | 10075 |
| 19502-49 | C609A-BK6-379 | 7/22 | 10076 |



|       |                            |      |          |
|-------|----------------------------|------|----------|
| 10077 | C609A-Bk <sub>6</sub> -380 | 7/20 | 19502-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 10078 | -381 | 7/21 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10079 | -382 | 7/25 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10080 | -383 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10081 | -384 | 7/23 |  |
|-------|------|------|--|

bk 9/4

|       |      |      |  |
|-------|------|------|--|
| 10082 | -385 | 7/20 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10083 | -386 | 7/22 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 10084 | -387 | 7/27 |  |
|-------|------|------|--|

|          |                            |      |        |
|----------|----------------------------|------|--------|
| 19502-49 | C609A-Bk <sub>6</sub> -388 | 7/22 | 10085  |
|          | -389                       | 7/26 | 10086  |
|          |                            |      | bk 9/4 |
|          | -390                       | 7/20 | 10087  |
|          | -391                       | 7/25 | 10088  |
|          |                            |      | bk 9/4 |
|          | -392                       | 7/25 | 10089  |
|          | -393                       | 8/2  | 10090  |
|          | -394                       | 7/25 | 10091  |
|          | -395                       | 7/31 | 10092  |

|       |              |      |             |
|-------|--------------|------|-------------|
| 10093 | C609A-Bk-396 | 7/25 | 19502-49    |
| 10094 | -397         | 7/19 |             |
| 10095 | -398         | 7/27 |             |
| 10096 | -399         | 7/28 |             |
| 10097 | -400         | 7/21 |             |
| 10098 | -401         | 7/31 |             |
| 10099 | -402         | 7/27 |             |
| 10100 | PI 408449    | 7/31 | 18492-19000 |

|      |                   |      |       |
|------|-------------------|------|-------|
| 5001 | C615A-Bk-4-1-1-1  | 7/30 | 10101 |
|      | -2                | 7/28 | 10102 |
|      | -3                | 7/28 | 10103 |
|      | -4                | 7/27 | 10104 |
|      | -5                | 7/25 | 10105 |
| 5009 | C615A-Bk-6-10-4-1 | 7/25 | 10106 |
|      | -2                | 7/25 | 10107 |
|      | -3                | 7/27 | 10108 |



10109

-4

10110

-5

10111

C615A-BK-8-7-2-1

7/17

5012

84/589

10112

-2

7/18

10113

-3

7/18

10114

-4

7/19

10115

-5

7/20

10116

C615A-BK-9-1-1-1

7/27

5016

84/590

up to 10114

BK 8/28

unit

full unit

|    |      |       |
|----|------|-------|
| -2 | 7/27 | 10117 |
| -3 | 7/24 | 10118 |
| -4 | 7/28 | 10119 |
| -5 | 7/27 | 10120 |
|    | 7/28 | 10121 |
|    | 7/30 | 10122 |
|    | 7/27 | 10123 |
|    | 7/26 | 10124 |

10125

7/25

bK 8/28

10126

RU7703008

7/25

9677

10127

C615A-BK-9-7-2-1

7/28

5028

10128

-2

7/26

10129

-3

7/27

10130

-4

7/27

10131

-5

7/27

10132

C615A-BK-14-2-2-1

7/18

5033

✓P/p

-2

7/19

10133

-3

7/18

10134

-4

7/21

10135

-5

7/20

10136

C615A-BK-44-3-5-1

5041

7/27

10137

-2

7/27

10138

-3

7/26

10139

-4

7/27

10140



10141

-5  
7/27

10142

C615A-Bk-17-7-4-1

84/591

7/24

5045

10143

-2  
7/25

10144

Don't  
know  
b/c 8/28

-3  
7/24

10145

✓ PJP

-4  
7/24

10146

-5  
7/25

10147

C615A-Bk-21-2-5-1

7/20

5051

10148

-2  
7/22

-3

7/19

10149

8/8

-4

7/24

10150

-5

7/24

10151

RU7701074

5552

7/25

10152

bx 8/26

5062 B615A-Bk-25-4-5-1

7/28

10153

-2

7/26

10154

-3

7/27

10155

-4

7/27

10156

10157

-5

7/28

10158

C615A-BK-25-6-1-1

7/29

5063

10159

-2

7/29

10160

-3

7/29

10161

-4

7/29

10162

-5

7/29

10163

C615A-BK-25-6-5-1

7/29

5067

10164

-2

7/29

-3

7/29

10165

-4

7/27

10166

-5

7/29

10167

C615A-BK-26-1-4-1

5071

7/25

10168

-2

7/29

10169

-3

7/29

10170

-4

7/30

10171

-5

7/30

10172



|       |      |      |     |
|-------|------|------|-----|
| 10173 | NWBT | 7/29 | Stg |
|-------|------|------|-----|

bk 8/28

|       |                   |      |      |
|-------|-------------------|------|------|
| 10174 | C615A-BK-26-8-3-1 | 7/30 | 5075 |
|       | 84/1251           |      |      |

|       |  |            |  |
|-------|--|------------|--|
| 10175 |  | -2<br>7/30 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 10176 |  | -3<br>7/30 |  |
|-------|--|------------|--|

✓  
fip

|       |  |            |  |
|-------|--|------------|--|
| 10177 |  | -4<br>7/30 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 10178 |  | -5<br>7/30 |  |
|-------|--|------------|--|

|       |                   |      |      |
|-------|-------------------|------|------|
| 10179 | C615A-BK-27-2-1-1 | 7/26 | 5079 |
|-------|-------------------|------|------|

|       |  |            |  |
|-------|--|------------|--|
| 10180 |  | -2<br>7/26 |  |
|-------|--|------------|--|

-3

7/25

10187

-4

7/25

10182

-5

7/27

10183

CG15A-BK-27-6-4-1

5087

84/593

7/26

10184

PIP ✓

-2

7/28

10185

-3

7/27

10186

-4

7/28

10187

-5

7/27

10188

|       |                   |      |      |
|-------|-------------------|------|------|
| 10189 | C615A-BK-33-4-4-1 | 7/27 | 5092 |
|-------|-------------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10190 | -2 | 7/19 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10191 | -3 | 7/27 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10192 | -4 | 7/30 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10193 | -5 | 7/30 |  |
|-------|----|------|--|

|       |                    |      |      |
|-------|--------------------|------|------|
| 10194 | C615A-BK-33-10-4-1 | 7/25 | 5097 |
|-------|--------------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10195 | -2 | 7/30 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10196 | -3 | 7/31 |  |
|-------|----|------|--|

-4

7/29

10197

-5

7/29

10198

C615A-BK-41-5-2-1

5105

7/19

10199

-2

7/18

10200

-3

7/19

10201

-4

7/19

10202

-5

7/20

10203

Ple ✓

C615A-BK-41-8-3-1

5111

7/22

10204



10205

-2

7/22

10206

-3

7/21

10207

-4

7/21

10208

-5

7/22

10209

C615A-Bk-43-6-1-1

7/27

5114

10210

-2

7/27

10211

-3

7/29

10212

-4

7/27

-5

7/27

10217

C615A-BK-45-7-3-1

5121

7/26

10214

-2

7/26

10215

-3

7/27

10216

-4

7/27

10217

-5

7/26

10218

C615A-BK-45-10-3-1

5127

84/594

7/27

10219

-2

7/27

10220

10221

-3

7/27

10222



bk 8/28

-4

7/27

10223

-5

7/25

✓  
rip  
↓

RU8303181

10224

7/23

181

bk 8/28

C615A-Bk-50-4-4-1

10225

7/23

5133

✓  
rip

10226

-2

7/22

10227

-3

7/23

10228

-4

7/22

-5

7/22

10229

C615A-Bk-50-10-1-1

5135

7/22

10230

-2

7/23

10231

-3

7/26

10232

-4

7/24

10233

-5

7/25

10234

C615A-Bk-51-4-3-1

5142

7/26

10235

-2

7/21

10236

PJP ✓



10237

-3  
7/27

10238

-4  
7/27

10239

-5  
7/27

10240

C615A-B\*-51-10-2-1  
7/30

5146

10241

-2  
7/29

10242

-3  
7/29

10243

-4  
7/29

10244

-5  
7/29

C615A-BK-53-6-1-1

5151

7/22

10245

-2

7/21

10246

p/p ✓

-3

7/21

10247

-4

7/21

10248

-5

7/21

10249

SKBT

Fd

7/20

10250

bk 8/28

C615A-BK-54-2-2-1

5157

7/25

10251

p/p ✓

-2

7/25

10252

10253

-3

7/25

10254

-4

7/25

10255

-5

7/27

10256

C615A-BK-54-8-2-1

7/27

5162

10257

-2

7/26

10258

-3

7/27

10259

-4

7/27

10260

-5

7/27



C615A-BK-57-6-5-1

5170

7/21

10267

p18

-2

7/20

10262

-3

7/23

10263

-4

7/23

10264

-5

7/24

10265

C615A-BK-61-5-2-1

5172

7/31

10266

84/595

-2

7/30

10267

-3

7/30

10268

p18 ✓

DT

mfg  
unit 1/1



10269

-4

7/30

8/28

bk

10270

-5

7/30

10271

C615A-Bk-61-9-4-1

7/30

5180

10272

-2

7/30

10273

-3

7/30

10274

-4

7/30

10275

-5

7/30

10276

L-202

7/13

Biggs

bk 8/28

C615A-BK-65-8-4-1

5190

10277

-2

10278

-3

10279

-4

7/1

10280

-5

7/31

10281

C615A-BK-69-3-1-1

5192

7/18

10282

-2

7/19

10283

-3

7/18

10284

10285

-4

7/17

bk 9/4

10286

-5

7/18

✓  
PIP

10287

CG15A-BK-69-10-3-1

7/20

5199

10288

-2

7/21

10289

-3

7/19

✓  
PIP

10290

-4

7/18

10291

-5

7/18

10292

CG15A-BK-72-5-2-1

7/24

5203

-2

7/25

10293

-3

7/24

10294

-4

7/24

10295

-5

7/24

10296

C615A-BK-72-8-5-1

5211

84/1252

7/26

10297

8/28

-2

7/25

10298

DT

-3

7/26

10299

P14

-4

7/27

10300



10301

-5

7/27

10302

C615A-BK-76-3-1-1

7/26

84/335

5212

10303

-2

7/26

10304

2/28

-3

7/26

10305

-4

7/26

10306

-5

7/25

10307

C615A-BK-76-7-2-1

7/25

5218

10308

-2

7/25

-3

7/25

10300

-4

7/26

10310

-5

7/26

10311

CG15A-BK-77-6-2-1

5224

7/22

10312

-2

7/19

10313

-3

7/19

10314

-4

7/23

10315

-5

7/25

10316

10317

C615A-BK-77-10-1-1

7/23

5228

84/597

10318

-2

7/23

10319

*27*  
*sl. inf. in line*  
*bk*

-3

7/23

10320

-4

7/23

10321

-5

7/23

10322

C615A-BK-80-3-5-1

7/23

5237

10323

-2

7/23

10324

-3

7/23

-4

7/23

10325

-5

7/24

10326

CB801

1235

7/29

10327

C615A-BK-80-10-4-1

5241

84/598

7/23

10328

-2

7/23

10329

rip

-3

7/22

10330

-4

7/22

10331

-5

7/22

10332



10333

C615A-1-10-2-1

84/599

7/26

5244

10334

-2

7/27

10335

-3

8/28

7/26

10336

-4

7/27

10337

-5

7/28

10338

C615A-4-2-3-1

84/601

7/27

5250

10339

-2

7/27

10340

-3

7/26

-4

7/27

10341

-5

7/27

10342

CG15A-12-1-3-1

5261

7/27

10343

-2

7/28

10344

-3

7/27

10345

-4

7/17

10346

-5

7/27

10347

CG15A-12-7-1-1

5264

7/19

10348

P/p ✓

10349

-2

7/20

10350

-3

7/19

10351

-4

7/19

10352

-5

7/20

10353

Togo-2

7/25

Cro

bx 8/28

10354

C615A-13-1-4-1

7/16

5272

10355

-2

7/16

10356

-3

7/16



-4

7/20

10357

-5

7/17

10358

C615A-13-5-5-1

5279

84/602

7/27

10359

-2

7/24

10360

-3

7/27

10361

-4

7/27

10362

-5

7/26

10363

C615A-14-

283

7/19

10364



10365

7/20

10366

7/18

10367

7/20

10368

7/18

PK

10369

C615A-16-6-3-1

7/27

5287

10370

-2

7/25

10371

-3

7/26

10372

-4

7/28

-5

7/28

10373

LBLE

Fd

7/14

10374

CG15A-16-10-4-1

5293

7/28

10375

-2

7/27

10376

-3

7/29

10377

-4

7/28

10378

-5

7/27

10379

CG15A-20-6-5-1

5299

7/31

10380

10381

-2  
7/31

10382

-3  
8/1

10383

-4  
8/1

10384

-5  
8/2

10385

C615A-22-2-1-1

84/603

7/28

5300

10386

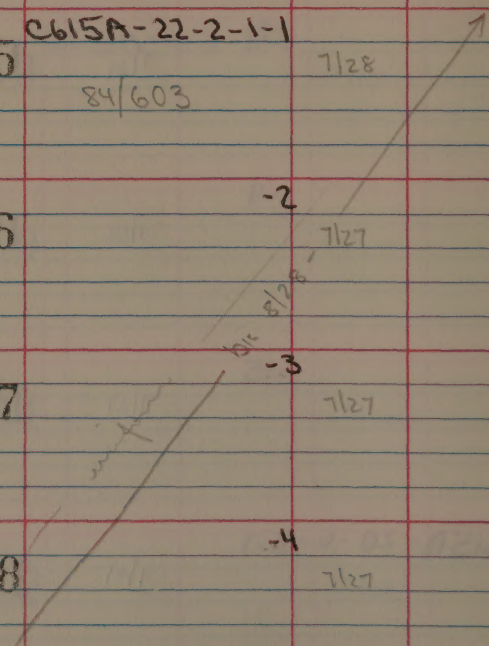
-2  
7/27

10387

-3  
7/27

10388

-4  
7/27



-5

7/26

10389

C615A-22-5-2-1

5306

7/16

10390

-2

7/15

10391

P/10

-3

7/14

10392

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7/16

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7/16

10394

C615A-23-2-4-1

5313

7/20

10395

-2

7/19

10396



Seeded 4/27/84

S-4, 11W

10397

-3

7/17

10398

-4

7/18

10399

-5

7/19

10400

CE 9881

7/22

82/2161

10401

C615A-23-7-3-1

7/24

5317

10402

-2

7/23

10403

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7/23

10404

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-5

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10405

C615A-24-2-1-1

5320

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10406

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7/21

10407

-3

7/23

10408

-4

7/22

10409

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7/22

10410

C615A-24-2-3-1

5322

7/27

10411

84/605

-2

7/27

10412

✓  
r/8

10413

-3  
7/27

10414

bk 8/28  
-4  
7/27

10415

-5  
7/27

10416

C615A-25-5-3-1

7/17

5328

10417

-2  
7/19

10418

every short road  
no. 1

-3  
7/18  
bk 8/28

10419

-4  
7/19

10420

-5  
7/24

5333

C615A-25-7-3-1

7/17

10421

-2

7/17

10422

-3

7/18

10423

-4

7/18

10424

-5

7/17

10425

3

RV8003005

7/12

10426

b/c 8/28

5337

C615A-25-8-2-1

7/17

10427

-2

7/17

10428



10429

-3

7/19

10430

-4

7/17

10431

-5

7/16

10432

C615A-25-8-3-1

7/16

5338

10433

-2

7/20

10434

-3

7/19

10435

-4

7/17

10436

-5

7/17

5344

C615A-26-7-4-1

7/19

10437

-2

7/15

10438

bk 9/4

-3

7/18

10439

-4

7/19

10440

-5

7/18

10441

5346

C615A-26-8-1-1

7/18

10442

84/606

-2

7/18

10443

8/18 ✓

-3

7/18

10444

10445

-4

7/19

10446

-5

7/21

10447

C615A-27-2-3-1

7/23

5354

10448

-2

7/25

10449

-3

7/25

10450

-4

7/29

10451

-5

8/1

10452

TBNT

7/17

Stg

bx 8/28

|      |                |    |      |  |       |
|------|----------------|----|------|--|-------|
|      |                |    |      |  |       |
|      |                |    |      |  |       |
| 5360 | C615A-29-4-4-1 |    | 7/27 |  | 10453 |
|      |                |    |      |  |       |
|      |                | -2 | 7/28 |  | 10454 |
|      |                |    |      |  |       |
|      |                | -3 | 7/27 |  | 10455 |
|      |                |    |      |  |       |
|      |                | -4 | 7/27 |  | 10456 |
|      |                |    |      |  |       |
|      |                | -5 | 7/27 |  | 10457 |
|      |                |    |      |  |       |
| 5362 | C615A-29-5-1-1 |    | 7/28 |  | 10458 |
|      |                |    |      |  |       |
|      |                | -2 | 7/28 |  | 10459 |
|      |                |    |      |  |       |
|      |                | -3 | 7/31 |  | 10460 |
|      |                |    |      |  |       |



10461

-4

7/29

10462

-5

7/26

10463

C615A-33-10-1-1

7/22

84/607

5372

10464

-2

7/22

10465

-3

7/23

10466

-4

7/22

10467

-5

7/22

10468

C615A-34-2-3-1

7/29

5380

-2

7/26

10469

-3

7/29

10470

-4

7/29

10471

-5

7/29

10472

RU8303116

116

7/17

10473

bx 8/28

C615A-34-6-1-1

5383

7/19

10474

Pip✓

-2

7/21

10475

-3

7/20

10476

10477

-4

7/19

10478

-5

7/17

10479

C615A-34-10-2-1

7/31

5389

10480

-2

7/20

10481

-3

7/20

10482

-4

7/21

10483

-5

7/19

10484

C615A-36-3-3-1

7/18

5395

-2

7/20

10485

-3

7/19

10486

-4

7/17

10487

-5

7/17

10488

C615A-36-9-3-1

5400

7/17

10489

84/1253

-2

7/17

10490

-3

7/16

10491

-4

7/16

10492

28

Dr

high, dry

bk 8/28

p/p ✓



10493

-5

7/17

10494

C615A-37-3-1-1

7/22

5403

84/609

10495

-2

7/22

10496

-3

7/22

10497

-4

7/21

10498

-5

7/18

10499

C615A-37-9-2-1

7/22

5409

10500

-2

7/23

-3

7/26

10501

-4

7/25

10502

-5

7/25

10503

5416 CB15A-39-2-4-1

7/26

10504

-2

7/26

10505

-3

7/27

10506

-4

7/24

10507

-5

7/24

10508

PP ✓

|       |                |      |      |
|-------|----------------|------|------|
| 10509 | CG15A-39-6-2-1 | 7/25 | 5419 |
|-------|----------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10510 | -2 | 7/25 |  |
|-------|----|------|--|

✓ PIP

|       |    |      |  |
|-------|----|------|--|
| 10511 | -3 | 7/25 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10512 | -4 | 7/26 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10513 | -5 | 7/27 |  |
|-------|----|------|--|

|       |                |      |      |
|-------|----------------|------|------|
| 10514 | CG15A-41-4-2-1 | 7/21 | 5430 |
|-------|----------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10515 | -2 | 7/19 |  |
|-------|----|------|--|

✓ PIP

|       |    |      |  |
|-------|----|------|--|
| 10516 | -3 | 7/20 |  |
|-------|----|------|--|



-4

7/21

10517

-5

7/22

10518

C615A-42-1-3-1

5436

7/20

10519

-2

7/19

10520

-3

7/19

10521

-4

7/19

10522

-5

7/17

10523

8/1

✓

LMNT

Fd

7/25

10524

bK 8/28



|       |                |      |      |
|-------|----------------|------|------|
| 10525 | C615A-42-7-1-1 | 7/19 | 5439 |
|-------|----------------|------|------|

✓  
Pip

|       |    |      |  |
|-------|----|------|--|
| 10526 | -2 | 7/19 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10527 | -3 | 7/17 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10528 | -4 | 7/18 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10529 | -5 | 7/19 |  |
|-------|----|------|--|

|       |                |      |      |
|-------|----------------|------|------|
| 10530 | C615A-43-1-4-1 | 7/22 | 5447 |
|-------|----------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10531 | -2 | 7/22 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10532 | -3 | 7/22 |  |
|-------|----|------|--|

-4

7/21

10533

P/P ✓

-5

7/21

10534

C615A-44-3-5-1

7/21

10535

5454

-2

7/19

10536

-3

7/18

10537

-4

7/18

10538

-5

7/19

10539

P/P ✓

C615A-44-4-3-1

7/27

10540

5457

10541

-2  
7/27

10542

-3  
7/26

10543

-4  
7/27

10544

-5  
7/27

10545

C615A-46-3-5-1

7/18

5464

10546

-2  
7/18

10547

-3  
7/19

10548

-4  
7/19



-5

7/22

10549

RU8003050

52

7/23

10550

C615A-46-9-5-1

5469

7/18

10551

-2

7/22

10552

-3

7/19

10553

-4

7/19

10554

-5

7/19

10555

C615A-48-4-3-1

5478

7/16

10556



10557

-2

7/17

10558

-3

7/16

10559

-4

7/17

10560

-5

7/19

10561

C615A-48-10-3-1

7/17

5483

84/610

10562

-2

7/20

10563

-3

7/17

10564

-4

7/18

6K

8/28

10564

7/17

-5

7/18

10565

C615A-51-2-3-1

5488

7/16

10566

-2

7/19

10567

-3

7/21

10568

br 9/4

-4

7/21

10569

-5

7/17

10570

C615A-51-4-3-1

5493

84/611

7/17

10571

Pir ✓

-2

7/17

10572

10573

-3

7/17

10574

-4

7/18

10575

-5

7/18

10576

BLMT

7/22

Fd

bk 8/28

10577

C615A-51-10-5-1

7/18

5500

10578

-2

7/18

10579

-3

7/18

10580

-4

7/18

bk 9/4



-5

7/18

10581

C615A-53-4-1-1

5501

7/17

10582

-2

7/20

10583

-3

7/18

10584

-4

7/18

10585

-5

7/18

10586

C615A-58-8-1-1

5506

7/27

10587

-2

7/25

10588



10589

-3 7/21

bx 9/4

10590

-4 7/21

10591

-5 7/21

10592

C615A-60-2-3-1

7/19

5513

10593

-2 7/20

10594

-3 7/19

10595

-4 7/21

10596

-5 7/22

bx 9/4

|      |                |      |       |        |
|------|----------------|------|-------|--------|
| 5518 | C615A-60-9-3-1 | 7/24 | 10597 | bx 9/4 |
|      | -2             | 7/23 | 10598 |        |
|      | -3             | 7/22 | 10599 |        |
|      | -4             | 7/23 | 10600 |        |
|      | -5             | 7/26 | 10601 |        |
| 5521 | C615A-63-6-1-1 | 7/21 | 10602 |        |
|      | -2             | 7/26 | 10603 |        |
|      | -3             | 7/21 | 10604 |        |

10605

-4

7/24

10606

-5

7/17

10607

C615A-63-7-3-1

7/27

5529

84/612

10608

-2

7/27

10609

-3

7/27

10610

-4

7/27

10611

-5

7/26

10612

C615A-63-9-5-1

7/27

5536

✓ PIP

-2

7/27

10613

-3

7/24

10614

-4

7/29

10615

-5

7/27

10616

C615A-65-3-1-1

5537

7/17

10617

-2

7/17

10618

P/P ✓

-3

7/19

10619

-4

7/19

10620



|       |                        |  |       |
|-------|------------------------|--|-------|
| 10621 | -5<br>7/21             |  |       |
| 10622 | LBLE-X2-2<br>7/16      |  | 11000 |
|       | bk 8/28                |  |       |
| 10623 | C615A-65-9-1-1<br>7/19 |  | 5542  |
| 10624 | -2<br>7/19             |  |       |
| 10625 | -3<br>7/21             |  |       |
| 10626 | -4<br>7/18             |  |       |
| 10627 | -5<br>7/19             |  |       |
| 10628 | C615A-66-9-4-1<br>7/17 |  | 5550  |

-2

7/19

10629

-3

7/19

10630

-4

7/18

10631

-5

7/20

10632

C615A-69-2-2-1

5554

7/27

10633

-2

7/27

10634

-3

7/27

10635

-4

7/25

10636

|       |                          |      |  |
|-------|--------------------------|------|--|
| 10637 | -5<br>7/26               |      |  |
| 10638 | C615A-69-8-5-1<br>7/27   | 5562 |  |
| 10639 | -2<br>7/26               |      |  |
| 10640 | -3<br>7/28               |      |  |
| 10641 | -4<br>7/28               |      |  |
| 10642 | -5<br>7/27               |      |  |
| 10643 | C615A-70-7-3-1<br>84/613 | 5565 |  |
| 10644 | -2<br>7/19               |      |  |



-3

7/21

10645

-4

7/19

10646

P/p ✓

bk 8/28

-5

7/20

10647

C615A-76-8-3-1

5570

7/27

10648

-2

7/29

10649

-3

7/19

10650

P/p ✓

-4

7/25

10651

-5

7/18

10652



|       |      |      |     |
|-------|------|------|-----|
| 10653 | BOND | 7/16 | Stg |
|-------|------|------|-----|

bk 2/28

|       |                |      |      |
|-------|----------------|------|------|
| 10654 | C615A-77-5-3-1 | 7/17 | 5576 |
|-------|----------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10655 | -2 | 7/26 |  |
|-------|----|------|--|

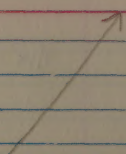
|       |    |      |  |
|-------|----|------|--|
| 10656 | -3 | 7/25 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10657 | -4 | 7/29 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10658 | -5 | 7/27 |  |
|-------|----|------|--|

|       |                |      |      |
|-------|----------------|------|------|
| 10659 | C615A-79-7-1-1 | 7/26 | 5579 |
|       | 84/336         |      |      |

|       |    |      |  |
|-------|----|------|--|
| 10660 | -2 | 7/26 |  |
|-------|----|------|--|



-3

7/26

10661

-4

7/26

10662

P/P ✓

-5

7/26

10663

C615A-81-3-3-1

7/18

10664

-2

7/19

10665

P/P ✓

-3

7/19

10666

-4

7/19

10667

-5

7/19

10668

some 14. 500  
6K 8/28

5596

C615A-84-4-5-1

10669

7/21

5610

10670

-2

7/16

10671

-3

7/20

10672

-4

7/19

10673

-5

7/22

10674

RU8303046

7/23

46

bx 8/28

10675

C615A-84-6-2-1

7/18

5612

10676

-2

7/17



-3

7/20

10677

-4

7/18

10678

e/p ✓

-5

7/18

10679

C615A-84-7-1-1

5616

7/17

10680

-2

7/16

10681

e/p ✓

-3

7/18

10682

-4

7/15

10683

-5

7/18

10684



|       |                |      |      |
|-------|----------------|------|------|
| 10685 | C615A-84-7-5-1 | 7/16 | 5620 |
|-------|----------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 10686 | -2 | 7/16 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10687 | -3 | 7/16 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10688 | -4 | 7/18 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 10689 | -5 | 7/16 |  |
|-------|----|------|--|

|       |        |      |      |
|-------|--------|------|------|
| 10690 | C615A- | 7/18 | 5624 |
|-------|--------|------|------|

|       |  |      |  |
|-------|--|------|--|
| 10691 |  | 7/18 |  |
|-------|--|------|--|

|       |  |      |  |
|-------|--|------|--|
| 10692 |  | 7/18 |  |
|-------|--|------|--|

✓ PIP

7/18

10693

7/18

10694

C615A-

5627

7/17

10695

7/20

10696

P/18

7/17

10697

7/17

10698

7/18

10699

C615A-

5629

7/18

10700

10701

7/19

10702

7/20

10703

7/18

10704

7/19

10705

C615A-87-9-1-1

7/22

5637

84/614

10706

-2

7/19

10707

-3

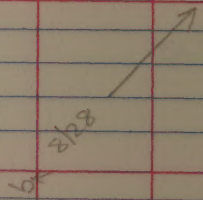
7/19

10708

-4

7/20

*DM  
WUF  
10708  
unif  
d. 10708  
m. 10708*



-5

7/22

10709

C615A-

5639

7/23

10710

7/20

10711

7/22

10712

✓  
P/p

7/22

10713

7/22

10714

C615A-88-9-3-1



5649

84/615

7/19

10715

P/p ✓

-2

7/19

10716



10717

-3

7/19

10718

Dec 9

Unif

contg

bk 8/28

4

7/19

10719

-5

7/19

10720

C615A-92-8-1-1

7/21

5663

10721

-2

7/19

10722

-3

7/21

10723

-4

7/19

10724

-5

7/19

✓ R/p

RUT603069

9175

7/24

10725

bx 8/28

C615A-93-8-5-1

5672

7/18

10726

-2

7/18

10727

-3

7/19

10728

-4

7/18

10729

-5

7/19

10730

p. 18 ✓

C615A-94-4-1-1

5674

7/19

10731

-2

7/20

10732

10733

-3

7/21

10734

-4

7/21

10735

-5

7/21

10736

C615A-94-9-3-1

7/20

5681

10737

-2

7/21

10738

-3

7/18

✓  
Pip

10739

-4

7/22

10740

-5

7/21

C615A-95-10-5-1

5693

7/20

10741

-2

7/20

10742

-3

7/21

10743

-4

7/19

10744

-5

7/21

10745

P/P ✓

C615A-96-9-5-1

5703

7/27

10746

84/616

-2

7/28

10747

P/P ✓

-3

7/25

10748

DMT

10746

b/c 8/28



10749

-4

7/27

10750

-5

7/27

10751

LBLE

7/15

Fd

bk 8/28

10752

C615A-99-8-1-1

7/18

5704

84/617

10753

-2

7/18

10754

DM  
Slight to west  
gr. very good  
sandy

-3

8/25

7/18

bk

10755

-4

7/19

10756

-5

7/19

✓ pip

|      |                               |      |       |
|------|-------------------------------|------|-------|
| 5711 | C615A-Bk <sub>2</sub> -2-3-1  | 7/28 | 10757 |
|      | 84/618                        |      |       |
|      | -2                            | 7/29 | 10758 |
|      | -3                            | 7/29 | 10759 |
|      | -4                            | 7/28 | 10760 |
|      | -5                            | 7/30 | 10761 |
| 5717 | C615A-Bk <sub>2</sub> -10-4-1 | 7/29 | 10762 |
|      | -2                            | 7/30 | 10763 |
|      | -3                            | 7/29 | 10764 |

Uniform; Dmt  
Epilobium plant  
Ruler

9/11 ✓

10765

-4

7/30

10766

-5

7/29

10767

C615A-BK<sub>2</sub>-21-5-1

7/27

5723

10768

-2

7/21

10769

-3

7/29

10770

-4

7/28

10771

-5

7/25

10772

7/19

5724



7/21

10773

7/16

10774

7/21

10775

7/24

10776

SSD/SSS

9226

8/1

10777

bk 8/25

C615A-BK<sub>2</sub>-25-4-1

5728

7/29

10778

-2

7/29

10779

-3

7/29

10780



10781

-4

7/29

10782

-5

7/28

10783

C615A-BK2-31-4-1

7/30

5733

10784

-2

7/27

bk 9/4

10785

-3

7/27

10786

-4

7/29

10787

-5

7/29

10788

C615A-BK2-37-3-1

7/20

5737

84/620

|                   |                               |      |       |
|-------------------|-------------------------------|------|-------|
|                   | -2                            | 7/21 | 10789 |
| DS<br>diff. panel | -3                            | 7/21 | 10790 |
|                   | BK 8/28                       |      | pip   |
|                   | -4                            | 7/22 | 10791 |
|                   | -5                            | 7/22 | 10792 |
| 5743              | C615A-BK <sub>2</sub> -56-4-1 | 7/28 | 10793 |
|                   | -2                            | 7/27 | 10794 |
|                   | -3                            | 7/27 | 10795 |
|                   | -4                            | 7/16 | 10796 |

10797

-5

7/27

10798

C615A-BK<sub>2</sub>-57-4-1

$\pm 84/334$

7/27

5748

10799

-2

7/28

10800

p/p

-3

7/29

10801

-4

7/27

10802

-5

7/27

10803

C615A-BK<sub>2</sub>-62-3-1

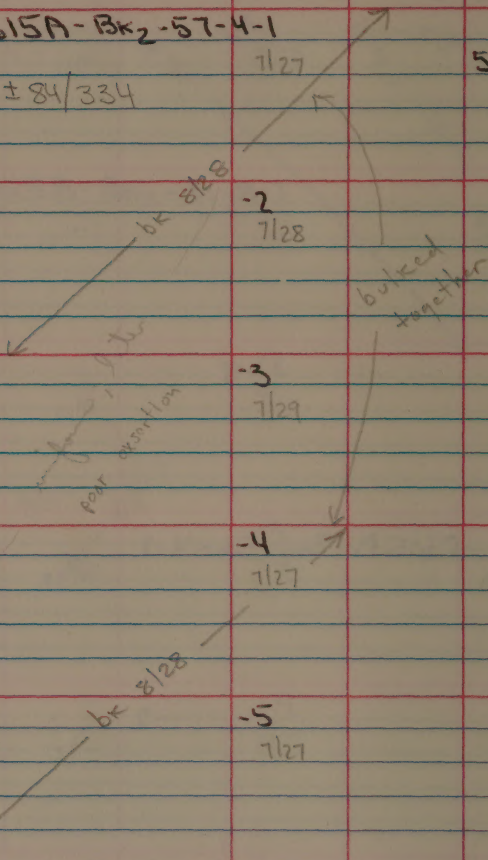
8/1

5753

10804

-2

8/1





iv

10805

-4

811

10306

51

10807

C615A-Bk<sub>2</sub>-68-5-1

5760

10808

-2-

10809

-3

10810

-4-

10811

5

10012



|       |                               |            |      |
|-------|-------------------------------|------------|------|
| 10813 | C615A-BK <sub>2</sub> -T1-3-1 | 7/27       | 5763 |
| 10814 |                               | -2<br>7/27 |      |
| 10815 |                               | -3<br>7/27 |      |
| 10816 |                               | -4<br>7/27 |      |
| 10817 |                               | -5<br>7/27 |      |
| 10818 | C615A-BK <sub>2</sub> -T3-1-1 | 7/30       | 5766 |
| 10819 |                               | -2<br>7/30 |      |
| 10820 |                               | -3<br>7/31 |      |

|          |                               |    |      |       |
|----------|-------------------------------|----|------|-------|
|          |                               | -4 | 7/30 | 10821 |
|          |                               | -5 | 7/29 | 10822 |
|          | RU8303181                     |    |      |       |
| 86701-15 |                               |    | 7/22 | 10823 |
|          | C615A-BK <sub>2</sub> -79-2-1 |    |      |       |
| 5772     |                               |    | 7/26 | 10824 |
|          |                               | -2 |      |       |
|          |                               |    | 7/27 | 10825 |
|          |                               | -3 |      |       |
|          |                               |    | 7/26 | 10826 |
|          |                               | -4 |      |       |
|          |                               |    | 7/25 | 10827 |
|          |                               | -5 |      |       |
|          |                               |    | 7/26 | 10828 |

10829

C615A-BK<sub>2</sub>-93-1-1

7/23

5777

pip

84/621

6/28

10830

bk

-2

7/23

10831

-3

7/26

10832

-4

7/35

10833

-5

7/23

10834

C615A-BK<sub>2</sub>-99-1-1

7/26

5782

10835

-2

7/25

10836

-3

7/30



-4

7/27

10837

-5

7/27

10838

C615A-Bk<sub>2</sub>-101-5-1

5791

7/23

10839

-2

7/24

10840

-3

7/24

10841

-4

7/23

10842

-5

7/25

10843

C615A-Bk<sub>2</sub>-106-3-1

5794

7/28

10844

84/622



10845

-2

7/28

10846

-3

7/26

10847

-4

7/26

10848

-5

7/26

10849

BBLE

7/24

1103

10850

C615A-BK<sub>2</sub>-108-2-1

7/27

5798

10851

-2

7/27

10852

-3

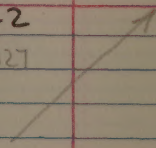
7/27

DNT  
unfused; later  
cracked plate

DNT  
unfused; later  
cracked plate

8/28

bk



-4

7/29

10853



-5

7/29

10854

C615A-BK<sub>2</sub>-112-2-1

5803

7/18

10855

84/1254

bk 914

-2

7/18

10856

-3

7/17

10857

NS

Some

only

-4

7/16

10858

P<sub>11</sub> ✓

bk 8/28

-5

7/17

10859

C615A-BK<sub>2</sub>-113-3-1

5809

7/28

10860

84/624

10861

-2

7/27

pip

10862

-3

7/27

8/28

bk

10863

-4

7/28

10864

-5

7/27

10865

C615A-Bk2-116-3-1

7/23

5814

84/625

10866

-2

7/23

10867

-3

7/22

10868

-4

7/23



-5

7/24

10869

✓  
8/10

5819

C615A-Bk<sub>2</sub>-118-3-1

84/626

7/23

10870

-2

7/23

10871

8/28

bk

-3

7/23

10872

✓  
8/10

-4

7/23

10873

-5

7/27

10874

DLA

8021

7/26

10875

bk 8/28

C615A-Bk<sub>2</sub>-126-2-1

5824

7/25

10876



10877

-2

7/24

10878

-3

7/25

10879

-4

7/26

bk 9/4

10880

-5

7/26

10881

C615A-BK2-128-4-1

7/27

5831

10882

-2

7/27

10883

-3

7/27

10884

-4

7/27

-5

7/27

10885

C615A-BK<sub>2</sub>-136-3-1

5835

7/29

10886

-2

7/29

10887

-3

7/29

10888

-4

7/27

10889

-5

7/25

10890

C615A-BK<sub>2</sub>-139-3-1

5840

84/628

7/20

10891

-2

7/22

10892

ok ✓

10893

-3

7/22

10894

not within DMS  
earlier

b/c 8/22/4

7/22

10895

-5

7/22

10896

C615A-BK<sub>2</sub>-148-4-1

7/23

5846

10897

-2

7/24

10898

-3

7/24

10899

-4

7/23

10900

-5

7/25



5850

C615A-BK<sub>2</sub>-154-3-1

7/30

10901

-2

7/30

10902

-3

7/30

10903

-4

7/29

10904

-5

7/27

10905

5858

C615A-BK<sub>2</sub>-158-5-1

7/19

10906

-2

7/20

10907

-3

7/18

10908



|       |                  |            |  |      |
|-------|------------------|------------|--|------|
|       |                  |            |  |      |
| 10909 |                  | -4<br>7/20 |  |      |
| 10910 |                  | -5<br>7/18 |  |      |
| 10911 | C615A-BK-        | 8/1        |  | 5861 |
| 10912 |                  | 7/30       |  |      |
| 10913 |                  | 7/31       |  |      |
| 10914 |                  | 7/31       |  |      |
| 10915 |                  | 8/1        |  |      |
| 10916 | C615A-<br>84/629 | 7/18       |  | 5868 |

7/27

10917

7/27

10918

7/27

10919

7/28

10920

7/25

10921

7/24

10922

7/24

10923

7/24

10924

C615A-BK-

5873

84/630

DT

bk 8/28

DT

bk 8/28

10925

7/25

10926

L-202

7/14

Biggs

bk 8/28

10927

C615A-Bk-

7/17

5876

10928

7/18

10929

7/19

10930

7/22

10931

7/21

10932

C615A-Bk-

7/26

5882



7/27

10933

7/27

10934

7/27

10935

7/24

10936

C615A-Bk-

5888

84/631

7/22

10937

✓  
P/p

7/22

10938

D5

7/21

10939

bk 8/28

7/22

10940



10941

7/22

10942

C615A-BK-

7/18

5893

84/632

✓ PIP

BK 8/28

10943

7/18

Some of the  
very early  
one

10944

7/18

10945

7/16

10946

C615A-BK-

7/16

5895

10947

7/16

"

10948

C615A-BK-

7/21

5893

C615A-Bk -

5895

7/17

10949

"

7/16

10950

"

7/15

10951

13

L-201

7/15

10952

b/c 8/28

C615A-Bk -

5897

84/633

7/18

10953

7/17

10954

NS

b/c 8/28

7/16

10955

7/18

10956

10957

7/18

10958

C615A-BK-

7/22

5903

10959

7/22

10960

7/27

10961

7/22

10962

7/22

10963

C615A-BK-

7/20

5907

10964

7/19

7/21

10965

7/20

10966

7/19

10967

C615A- Bk -

5910

7/19

10968

7/18

10969

7/18

10970

7/18

10971

7/21

10972



|       |           |      |  |      |
|-------|-----------|------|--|------|
|       |           |      |  |      |
| 10973 | Toro 2    | 7/25 |  | Cro  |
| 10974 | C615A-Bk- | 7/27 |  | 5912 |
| 10975 |           | 7/29 |  |      |
| 10976 |           | 7/27 |  |      |
| 10977 |           | 7/27 |  |      |
| 10978 |           | 7/29 |  |      |
| 10979 | C615A-Bk- | 7/19 |  | 5917 |
| 10980 |           | 7/21 |  |      |

7/21

10981

7/22

10982

7/21

10983

C615A-BK-

5922

7/18

10984

7/18

10985

7/17

10986

7/17

10987

7/18

10988

C615A-BK-

10989

7/23

593

10990

7/24

10991

7/22

10992

7/27

10993

7/20

C615A-BK-

10994

7/18

5940

10995

7/20

10996

7/19

7/21

10997

7/20

10998

IR-28

82/2141

7/16

10999

b/c 9/14

IR-38

82/2146

11000

b/c 9/14





C609A = 9881/331581//1801067

C615A = 9881/331581//1701074







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

# FIELD NOTEBOOK

## AGRONOMIC NOTES

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

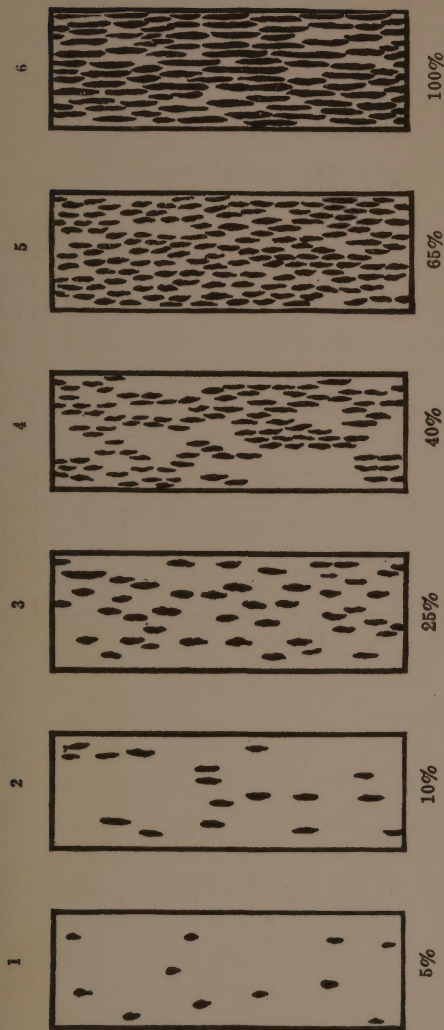
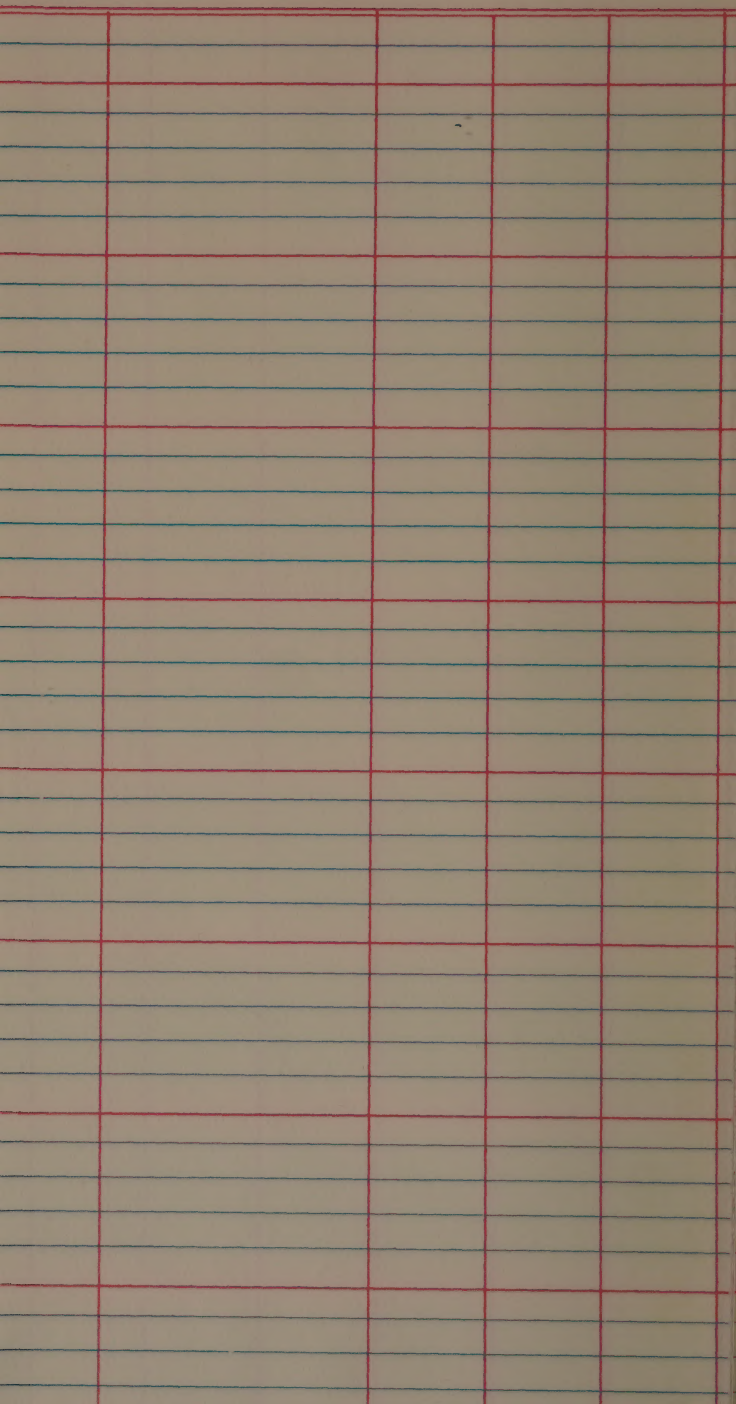
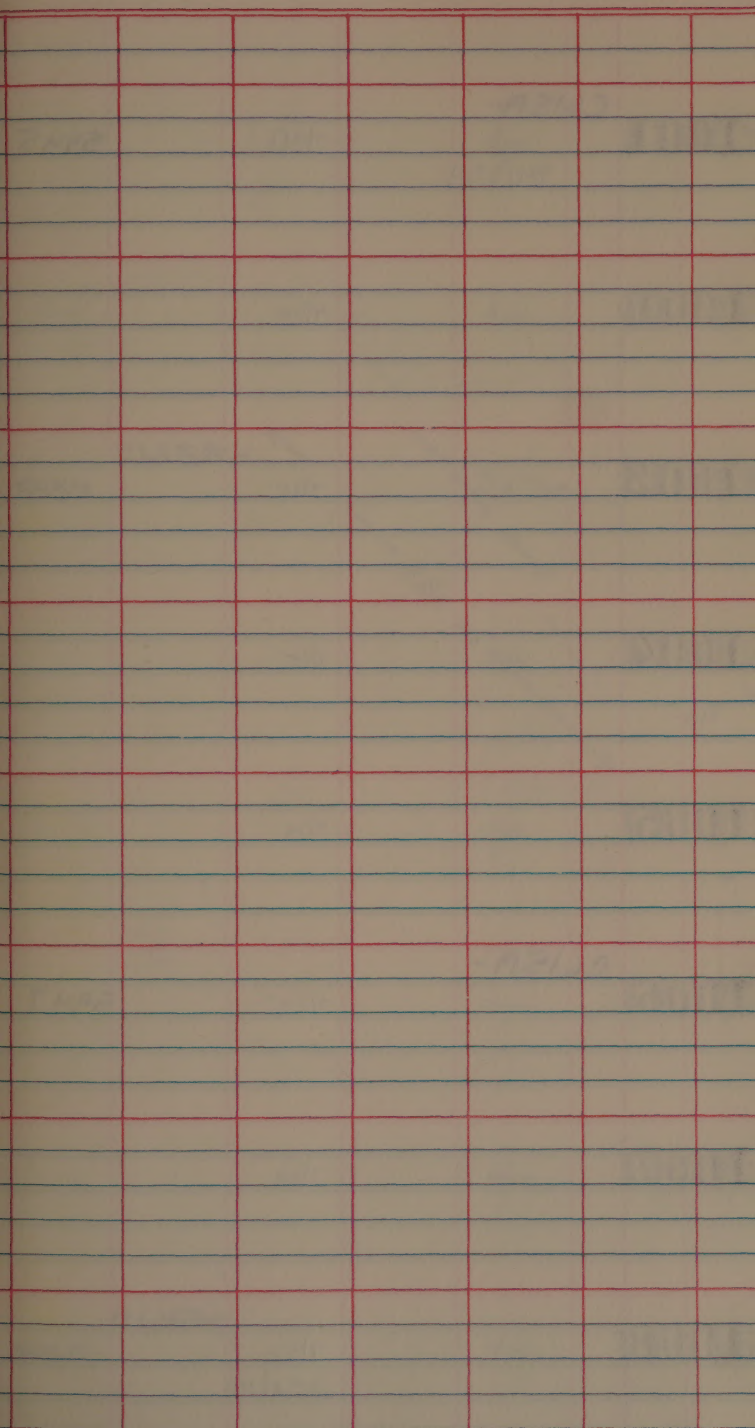


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.







Seeded 4/27/84

S-4, 10 W

11001

C615A-

7/30-

5945

84/634

11002

7/25

11002

DM  
Same position

7/25

11004

7/25

✓  
Pip

11005

7/24

11006

C615A-

7/23

5947

11007

7/24

11008

7/22

7/22

11009

7/22

11010

C615A-

5954

7/19

11011

7/19

11012

7/19

11013

7/20

11014

7/20

11015

C615A-

5960

84/635

7/22

11016

11017

7/23

11018

8/28

7/22

11019

7/23

11020

7/24

11021

C615A-

7/27

5964

11022

7/28

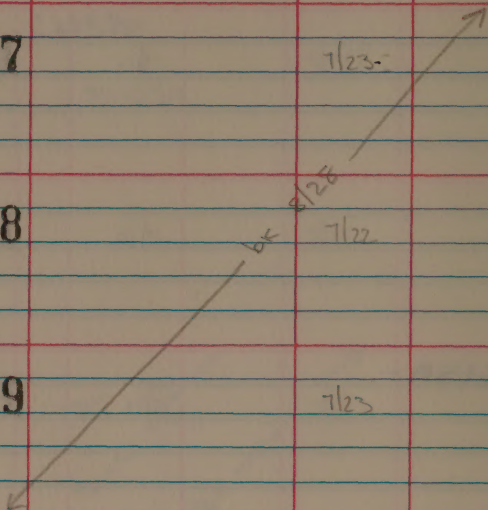
bk 8/28

11023

7/27

11024

7/26



NM  
copy?  
11021  
copy



Pnd NWBT 0

7/28

11025

NWBT

Stg

7/26

11026

Not NWBT 0

C615A-

5969

7/23

11027

84/638

7/22

11028

8/28

7/22

11029

✓  
1/1

7/22

11030

7/22

11031

C615A-

5972

7/19

11032



11033

✓ PIP

7/19

11034

good round; +0.25  
+0.25  
good

7/19

bk 8/25

11035

7/20

11036

7/20

11037

C615A-

7/19

5975

11038

7/19

11039

7/19

11040

7/19

|      |                  |  |      |       |
|------|------------------|--|------|-------|
|      |                  |  | 7/19 | 11041 |
| 5982 | C615A-<br>84/639 |  | 7/26 | 11042 |
|      |                  |  | 7/26 | 11043 |
|      |                  |  | 7/25 | 11044 |
|      |                  |  | 7/26 | 11045 |
|      |                  |  | 7/27 | 11046 |
| 5985 | C615A-<br>84/640 |  | 7/18 | 11047 |
|      |                  |  | 7/18 | 11048 |

DNT

bk 8/28

bk 8/28

|         |          |      |      |
|---------|----------|------|------|
| 11049   |          | 7/18 |      |
| ✓ PIP.  | DM       |      |      |
| 11050   | AK. not  | 7/18 |      |
|         | some     |      |      |
|         | nd. 4/26 |      |      |
| 11051   |          | 7/18 |      |
| 11052   | LMNT     | 7/29 | Fd   |
| bk 8/28 |          |      |      |
| 11053   | C65A-    | 7/22 | 5988 |
| 11054   |          | 7/25 |      |
| 11055   |          | 7/24 |      |
| 11056   |          | 7/23 |      |

7/23

11057

C615A-

5992

7/22

11058

7/23

11059

7/23

11060

7/21

11061

7/19

11062

C615A-

5997

7/24

11063

7/23

11064



11065

7/23

11066

7/23

bx 9/4

11067

7/24

11068

C615A-

7/24

5999

11069

7/24

11070

7/24

11071

7/19

11072

7/24

Fd

LBLE

7/15

11073

6007

C615A-

7/23

11074

7/23

11075

7/23

11076

7/23

11077

7/23

11078

6012

C615A-

84/641

7/23

11079

7/21

11080

P/P ✓

111081

br 9/4

DMT  
9/4  
11081

7/28

111082

br 9/4

7/23

111083

7/30

111084

C615A-

7/27

6016

111085

7/30

111086

7/29

111087

7/27

111088

7/29

|      |        |  |  |      |       |
|------|--------|--|--|------|-------|
|      |        |  |  |      |       |
| 6020 | C615A- |  |  | 7/19 | 11089 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
|      |        |  |  | 7/19 | 11090 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
|      |        |  |  | 7/20 | 11091 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
|      |        |  |  | 7/19 | 11092 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
|      |        |  |  | 7/19 | 11093 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
| 6026 | C615A- |  |  | 7/20 | 11094 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
|      |        |  |  | 7/20 | 11095 |
|      |        |  |  |      |       |
|      |        |  |  |      |       |
|      |        |  |  | 7/23 | 11096 |



11097

7/21

11098

7/20

11099

C615A-

7/20

6033

11100

7/22

11101

7/24

11102

7/22

11103

7/22

11104

C615A-

7/27

6036

7/27

11105

7/26

11106

7/26

11107

7/26

11108

C615A-

6040

7/21

11109

7/26

11110

7/24

11111

7/23

11112

111113

7/23

111114

C615A-

7/24

6043

111115

7/23

111116

7/21

111117

7/24

111118

7/21

111119

C615A-

7/19

6046

111120

7/19

7/19

11121

7/19

11122

7/18

11123

Fd

BLMT

7/24

11124

bx 8/28

6051

C615A-

84/642

7/23

11125

✓  
P/p

7/29

11126

7/21

11127

7/23

11128

Dms

start 11126

bx 8/28



11129

7/24

11130

C615A-

7/27

6058

11131

7/29

11132

7/29

11133

7/24

11134

7/29

11135

C615A-

7/23

6062

11136

7/23

7/23

11137

7/23

11138

7/27

11139

C615A-

6065

7/23

11140

7/23

11141

7/23

11142

7/23

11143

7/24

11144

|        |         |      |  |      |
|--------|---------|------|--|------|
|        |         |      |  |      |
| 111145 | C615A-  | 7/27 |  | 6071 |
| 111146 |         | 7/27 |  |      |
| 111147 |         | 7/27 |  |      |
| 111148 |         | 7/28 |  |      |
| 111149 |         | 7/27 |  |      |
| 111150 | TRNT    | 7/21 |  | Stg  |
|        | bk 8/28 |      |  |      |
| 111151 | C615A-  | 7/23 |  | 6076 |
| 111152 |         | 7/24 |  |      |

7/23

11153

7/25

11154

7/26

11155

C615A-

6080

7/25

11156

7/18

11157

7/20

11158

7/20

11159

7/18

11160



|       |        |      |      |
|-------|--------|------|------|
|       |        |      |      |
| 11161 | C615A- | 7/28 | 6089 |
| 11162 |        | 7/23 |      |
| 11163 |        | 7/23 |      |
| 11164 |        | 7/23 |      |
| 11165 |        | 7/23 |      |
| 11166 | C615A- | 7/20 | 6093 |
| 11167 |        | 7/21 |      |
| 11168 |        | 7/21 |      |

7/22

11169

7/22

11170

C615A-

6098

84/1255

7/19

11171

7/19

11172

P/P

8/28

bk

7/19

11173

7/17

11174

7/17

11175

C615A-

6104

7/28

11176

11177

7/26

11178

7/26

11179

7/26

11180

7/27

11181

PI 408449

7/26

18992-19000

11182

C612A-BK-1-1-4-1

7/12

6204

9881/331581//7402003

11183

-2

7/13

11184

-3

7/12



|      |                  |    |      |       |
|------|------------------|----|------|-------|
|      |                  | -4 | 7/12 | 11185 |
|      |                  | -5 | 7/13 | 11186 |
| 6207 | C612A-BK-1-4-2-1 |    | 7/14 | 11187 |
|      |                  | -2 | 7/16 | 11188 |
|      |                  | -3 | 7/12 | 11189 |
|      |                  | -4 | 7/12 | 11190 |
|      |                  | -5 | 7/12 | 11191 |
| 6213 | C612A-BK-2-2-3-1 |    | 7/17 | 11192 |
|      | 84/853           |    |      |       |



11193

-2

7/19

11194

-3

7/20

11195

-4

7/20

11196

-5

7/20

11197

C612A-Bk-6-3-4-1

7/16

6235

11198

-2

7/15

11199

-3

7/15

11200

-4

7/17

-5

7/19

11201

C612A-BK-7-5-5-1

6241

7/21

11202

-2

7/19

11203

-3

7/20

11204

-4

7/19

11205

-5

7/19

11206

C612A-BK-9-1-3-1

6244

7/18

11207

-2

7/18

11208

11209

-3-

7/18

11210

-4

7/17

11211

-5

7/17

11212

C612A-Bx-11-3-4-1

7/21

6256

11213

-2

7/22

11214

-3

7/20

11215

-4

7/20

11216

-5

7/20

6262

C612A-BK-14-3-5-1

84/854

7/15

11217

8/p

-2

7/16

11218

-3

7/15

11219

-4

7/16

11220

-5

7/16

11221

BOND

Stg

7/19

11222

bis 8/28

6263

C612A-BK-15-5-1-1

7/20

11223

-2

7/20

11224



11225

-3  
7/23

11226

-4  
7/19

11227

-5  
7/15

11228

C612A-Bx-17-4-1-1

7/15

6268

11229

-2  
7/16

bk 9/4

11230

-3  
7/15

11231

-4  
7/16

11232

-5  
7/15

6288

C612A-BK-21-5-5-1

84 | 855

7/21

11233

-2

7/20

11234

-3

7/18

11235

p/p ✓

-4

7/20

11236

-5

7/21

11237

6291

C612A-BK-22-2-3-1

7/23

11238

-2

7/22

11239

bk 9/4

-3

7/24

11240

11241

-4  
7/26

11242

-5  
7/26

11243

CL12A-BK-23-4-2-1

84/1256

7/20

6295

11244

-2  
7/20

11245

DMS

-3  
7/20

11246

-4  
7/21

11247

-5  
7/20

11248

ELBL

7/4

2029



6307

C612A-BK-27-5-4-1

84/344

7/19

11249

-2

7/18

11250

P/P ✓

-3

7/19

11251

-4

7/20

11252

-5

7/19

11253

6311

C612A-BK-28-2-3-1

7/20

11254

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7/20

11255

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7/20

11256



11257

-4 -

7/21

11258

-5

7/20

11259

C612A-BK-29-3-1-1

7/21

6314

bk 914

11260

-2

7/22

11261

-3

7/20

11262

-4

7/18

11263

-5

7/18

11264

C612A-BK-31-2-3-1

7/21

6321

-2

7/20

11265

-3

7/20

11266

-4

7/20

11267

-5

7/22

11268

C6/2A-Bx-32-5-3-1

6327

7/20

11269

-2

7/20

11270

-3

7/20

11271

-4

7/20

11272

11273

-5

7/18

11274

R07402003

7/14

10582

br 8/28

11275

C612A-Bk-33-1-5-1

7/21

6334

84/857

11276

-2

7/23

✓ PIP

DM i guess  
all empty

11277

-3

7/20

br 8/28

11278

-4

7/21

11279

-5

7/19

11280

C612A-Bk-34-3-5-1

7/16

6339

84/858

|            |                                     |         |      |       |
|------------|-------------------------------------|---------|------|-------|
|            |                                     | -2      | 7/16 | 11281 |
| ☆          |                                     |         |      |       |
| Dr.        |                                     | -3      | 7/16 | 11282 |
| high       |                                     | bx 8/28 |      |       |
| very early |                                     |         |      |       |
|            |                                     | -4      | 7/16 | 11283 |
|            |                                     |         |      |       |
|            |                                     | -5      | 7/18 | 11284 |
|            |                                     |         |      |       |
| 6342       | C612A - Bk <sub>2</sub> - 2 - 3 - 1 |         | 7/20 | 11285 |
|            |                                     | -2      | 7/17 | 11286 |
|            |                                     | -3      | 7/17 | 11287 |
|            |                                     | -4      | 7/16 | 11288 |



11289

-5

7/18

11290

C612A-BK<sub>2</sub>-4-3-1

7/19

6347

11291

-2

7/20

11292

-3

7/20

11293

-4

7/20

11294

-5

7/19

11295

C612A-BK<sub>2</sub>-11-4-1

84/859

7/15

6354

✓ 11296

-2

7/15

|                        |                               |      |       |
|------------------------|-------------------------------|------|-------|
|                        | -3                            | 7/16 | 11297 |
| 48. <del>1/2</del> 1/2 | DN                            |      |       |
|                        | -4                            | 7/17 | 11298 |
| 1/2 1/2                | 6K 8/28                       |      |       |
|                        | -5                            | 7/18 | 11299 |
| 6359                   | C612A-BK <sub>2</sub> -13-4-1 | 7/20 | 11300 |
|                        | -2                            | 7/23 | 11301 |
|                        | -3                            | 7/21 | 11302 |
|                        | -4                            | 7/21 | 11303 |
|                        | -5                            | 7/21 | 11304 |

|       |                               |      |      |
|-------|-------------------------------|------|------|
| 11305 | C612A-Bk <sub>2</sub> -18-2-1 | 7/16 | 6362 |
|-------|-------------------------------|------|------|

|       |  |            |  |
|-------|--|------------|--|
| 11306 |  | -2<br>7/15 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 11307 |  | -3<br>7/16 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 11308 |  | -4<br>7/16 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 11309 |  | -5<br>7/17 |  |
|-------|--|------------|--|

|       |                               |      |      |
|-------|-------------------------------|------|------|
| 11310 | C612A-Bk <sub>2</sub> -19-3-1 | 7/19 | 6368 |
|-------|-------------------------------|------|------|

84/861

|       |  |            |  |
|-------|--|------------|--|
| 11311 |  | -2<br>7/20 |  |
|-------|--|------------|--|

Drinking water

|       |  |            |  |
|-------|--|------------|--|
| 11312 |  | -3<br>7/18 |  |
|-------|--|------------|--|

✓ P/P

-4

7/18

11313

-5

7/18

11314

6372

C612A-BK<sub>2</sub>-25-2-1

7/22

11315

-2

7/21

11316

bx 9/14

-3

7/22

11317

-4

7/22

11318

-5

7/23

11319

6381

C612A-BK<sub>2</sub>-26-5-1

7/18

11320



11321

-2

7/19

11322

-3

7/19

11323

-4

7/18

11324

-5

7/21

11325

RUT703008

7/27

9677

bx 8/28

11326

C612A-BK<sub>2</sub>-29-3-1

7/19

6384

84/862

11327

-2

7/20

8/28

11328

-3

7/20

Dnt

bx

-4

7/20

11329

-5

7/20

11330

C612A-BK<sub>2</sub>-33-3-1

6389

84/863

7/20

11331

P<sub>R</sub>

☆

-2

7/20

11332

DT

+d.

bk

8/28

-3

7/20

11333

-4

7/20

11334

-5

7/20

11335

C612A-BK<sub>2</sub>-36-3-1

6394

84/864

7/20

11336

111337

-2

7/20

111338

DM

-3

7/21

111339

Wig

get 80

-4

7/21

111340

✓ PR

-5

7/21

111341

C612A-BK<sub>2</sub>-38-3-1

7/21

6399

111342

-2

7/20

111343

-3

7/20

111344

-4

7/20



-5

7/20

11345

C612A-BK<sub>2</sub>-40-3-1

6404

7/17

11346

-2

7/18

11347

-3

7/18

11348

-4

7/18

11349

-5

7/14

11350

L-202

Briggs

7/12

11351

br 8/28

C612A-BK<sub>2</sub>-47-2-1

6413

7/18

11352

84/865

8/8 ✓



11353

-2  
7/19

11354

-3  
7/19  
8/28  
bk

11355

-4  
7/19

11356

-5  
7/18

11357

C612A-Bk<sub>2</sub>-48-1-1

7/21

6417

84/866

11358

-2

7/22

11359

-3  
7/20

11360

-4  
7/23

-5

7/23

11361

C612A-BK<sub>2</sub>-53-4-1

6426

7/16

11362

-2

7/15

11363

-3

7/16

11364

-4

7/16

11365

-5

7/16

11366

C612A-BK<sub>2</sub>-56-4-1

6431

7/24

11367

-2

7/25

11368

11369

-3  
7/24

11370

-4  
7/19

11371

-5  
7/25

11372

C612A-Bk<sub>2</sub>-57-2-1

7/16

6434

11373

-2  
7/15

11374

-3  
7/18

11375

-4  
7/17

11376

-5  
7/17



Fd LBNT

7/23

11377

bK 8/28

6439

C612A-BK<sub>2</sub>-61-2-1

84/868

7/17

11378

-2

7/17

11379

*Don't  
rel. only  
only*

-3

7/17

11380

bK 8/28

-4

7/17

11381

-5

7/19

11382

*rip*

6446

C612A-BK<sub>2</sub>-65-4-1

7/23

11383

-2

7/27

11384



11385

-3  
7/26

11386

-4  
7/23

11387

-5  
7/23

11388

C612A-BK2-68-4-1

84/869

7/19

6451

11389

-2  
7/19

11390

-3  
7/18

11391

-4  
7/19

11392

-5  
7/19

C612A-Bk<sub>2</sub>-73-3-1

6456

84/870

7/17

11393

-2

7/16

11394

-3

7/16

11395

-4

7/17

11396

-5

7/14

11397

C612A-Bk<sub>2</sub>-78-2-1

6460

84/1257

7/16

11398

-2

7/18

11399

-3

7/19

11400

11401

-4

7/19

11402

-5

7/19

11403

C612A-BK<sub>2</sub>-80-3-1

7/21

6466

11404

-2

7/21

11405

-3

7/22

11406

-4

7/21

11407

-5

7/23

11408

C612A-BK<sub>2</sub>-86-2-1

7/19

6470

84/872



-2

7/20

11409

-3

7/19

11410

-4

7/17

11411

-5

7/19

11412

Pip

bk 8/28

C612A-BK<sub>2</sub>-89-3-1

6477

7/17

11413

-2

7/16

11414

-3

7/20

11415

-4

7/20

11416



|       |                                       |  |      |
|-------|---------------------------------------|--|------|
| 11417 | -5<br>7/18-                           |  |      |
| 11418 | C612A-Bk <sub>2</sub> -91-4-1<br>7/17 |  | 6483 |
| 11419 | -2<br>7/18                            |  |      |
| 11420 | -3<br>7/20                            |  |      |
| 11421 | -4<br>7/20                            |  |      |
| 11422 | -5<br>7/20                            |  |      |
| 11423 | NWRX<br>7/24                          |  | Fd   |
| 11424 | C612A-Bk <sub>2</sub> -95-4-1<br>7/18 |  | 6488 |

bK 8/28

-2

7/18

11425

-3

7/19

11426

-4

7/18

11427

-5

7/21

11428

C612A- Bk<sub>2</sub>-97-1-1

6490

84/873

7/18

11429

-2

7/18

11430

-3

7/18

11431

-4

7/20

11432

11433

-5  
7/16

11434

C612A-Bk<sub>2</sub>-100-2-1

7/13

6496

84/874

11435

-2  
7/15

11436

Don't  
want  
any  
good

-3  
7/16

11437

✓  
Pip

8/28  
bk

-4  
7/15

11438

-5  
7/14

11439

C612A-Bk<sub>2</sub>-103-4-1

7/15

6503

84/875

11440

8/28  
bk

-2  
7/15



-3

7/17

11441

p10<sup>✓</sup>

-4

7/19

11442

-5

7/18

11443

C612A-BK<sub>2</sub>-107-2-1

6506

84/1258

7/17

11444

-2

7/17

11445

p10<sup>✓</sup>

-3

7/15

11446

-4

7/17

11447

-5

7/18

11448



11449

Toro 2

7/26

Cro

b/c 8/28

11450

C612A-Bk<sub>2</sub>-110-3-1

7/16

6512

84/876

11451

✓  
PR

-2

7/14

b/c 8/28

11452

-3

7/14

See 11451

11453

-4

7/18

11454

-5

7/19

11455

C612A-Bk<sub>2</sub>-111-5-1

7/25

6519

11456

-2

7/23

-3

7/24

11457

-4

7/23

11458

-5

7/23

11459

C612A-BK<sub>2</sub>-115-4-1

6523

7/19

11460

-2

7/18

11461

-3

7/18

11462

-4

7/18

11463

-5

7/18

11464

11465

C612A-Bk<sub>2</sub>-120-2-1

7/19

6527

84/877

11466

-2

7/18

11467

-3

7/20

*with 200  
and 200*

11468

-4

7/16

✓ PIP

*bik 8/28*

11469

-5

7/18

11470

C612A-Bk<sub>2</sub>-123-1-1

7/16

6531

84/878

✓ PIP

11471

-2

7/14

*bik 8/28*

11472

-3

7/16

*21. 12/28*

-4

7/15

11473

-5

7/14

11474

CP 231

border

7/28

11475

bk 8/28

C612A-Bk<sub>2</sub>-126-5-1

6540

7/20

11476

-2

7/20

11477

-3

7/19

11478

-4

7/16

11479

-5

7/17

11480



|       |                                |      |      |
|-------|--------------------------------|------|------|
| 11481 | C612A-Bk <sub>2</sub> -129-3-1 | 7/17 | 6543 |
|-------|--------------------------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 11482 | -2 | 7/16 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11483 | -3 | 7/21 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11484 | -4 | 7/19 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11485 | -5 | 7/16 |  |
|-------|----|------|--|

|       |               |      |      |
|-------|---------------|------|------|
| 11486 | C612A-1-4-4-1 | 7/15 | 6549 |
|-------|---------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 11487 | -2 | 7/16 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11488 | -3 | 7/15 |  |
|-------|----|------|--|

-4

7/16

11489

-5

7/17

11490

C612A-2-1-2-1

6553

7/16

11491

-2

7/16

11492

-3

7/16

11493

-4

7/17

11494

-5

7/16

11495

C612A-5-3-1-1

6557

7/15

11496

11497

-2

7/13

11498

-3

7/16

11499

-4

7/15

11500

-5

7/17

11501

C612A-6-3-2-1

84/879

7/24

6563

11502

-2

7/23

11503

-3

7/22

11504

-4

7/20

Some material

6/15 8/28  
(combined with 11505)

✓ P/R

-5

7/23

11507

bk 8/28

C612A-7-4-1-1

6567

7/16

11508

-2

7/12

11507

-3

7/14

11508

-4

7/12

11509

-5

7/13

11510

C612A-12-1-2-1

6573

84/880

7/19

11511

-2

7/20

11512



11513

-3

7/20

11514

-4

7/18

11515

-5

7/18

11516

C612A-13-1-3-1

7/26

6580

84/881

11517

-2

7/18

11518

-3

7/20

11519

-4

7/20

11520

-5

7/20

6586

C612A-14-3-4-1

84/882

7/21

11521

-2

7/23

11522

-3

7/21

11523

-4

7/21

11524

-5

7/20

11525

116

RV8303116

7/16

11526

bx 8/28

C612A-14-5-2-1

6589

84/883

7/16

11527

-2

7/16

11528

11529

-3

7/16

11530

-4

7/16

11531

-5

7/16

11532

C612A-15-3-4-1

7/18

6596

11533

-2

7/19

11534

-3

7/20

11535

-4

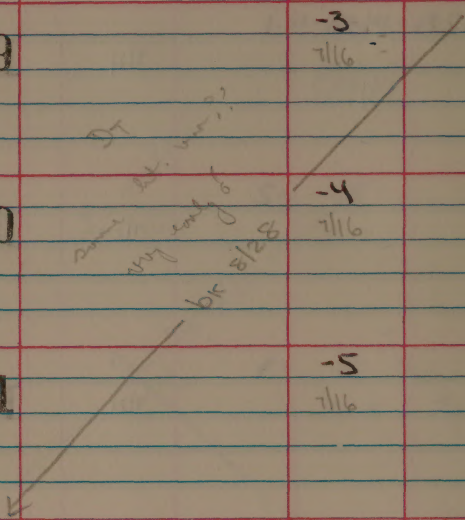
7/21

11536

-5

7/20

DT  
L.H. 10/1/11  
very early 6  
bk 8/28





6600

C612A-21-3-3-1

84/884

7/16

11537

-2

7/16

11538

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11539

-4

7/16

11540

-5

7/14

11541

6607

C612A-24-1-5-1

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11542

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7/20

11543

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11544



11545

-4  
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11546

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11547

C612A-25-2-2-1

84/885

7/20

6609

11548

-2  
7/20

11549

-3  
7/19

11550

-4  
7/19

11551

-5  
7/19

11552

RU8303181

7/22

PR6701-15

|      |                |      |       |
|------|----------------|------|-------|
| 6616 | C612A-28-2-4-1 | 7/12 | 11553 |
|      | -2             | 7/12 | 11554 |
|      | -3             | 7/15 | 11555 |
|      | -4             | 7/15 | 11556 |
|      | -5             | 7/18 | 11557 |
| 6621 | C612A-28-5-4-1 | 7/12 | 11558 |
|      | -2             | 7/15 | 11559 |
|      | -3             | 7/12 | 11560 |

11561

-4  
7/13

11562

-5  
7/14

11563

C612A-29-4-4-1

6/17

6627

11564

-2  
7/19

11565

-3  
7/15

11566

-4  
7/15

11567

-5  
7/14

11568

C612A-30-2-1-1

7/20

6629

-2

7/20

11569

-3

7/20

11570

-4

7/19

11571

-5

7/21

11572

Fd

SKBT

7/21

11573

bx 8/28

C612A-32-2-4-1

6637

7/21

11574

-2

7/20

11575

-3

7/19

11576



11577

-4  
7/19

11578

-5  
7/19

11579

C612A-34-5-1-1

7/16

6639

11580

-2  
7/17

11581

-3  
7/16

11582

-4  
7/16

bk 9/4

11583

-5  
7/19

11584

C612A-34-5-2-1

7/19

6640

-2

7/18

11585

-3

7/17

11586

-4

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11587

-5

7/16

11588

C612A-36-5-5-1

6648

84/886

7/17

11589

-2

7/15

11590

Pip ✓

-3

8/28

7/14

11591

-4

7/15

11592

11593

-5

7/15

11594

C612A-40-2-4-1

7/14

6653

11595

-2

7/16

11596

-3

7/16

11597

-4

7/15

11598

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11599

IR-26

82/2140

11600

IR-29

7/22

82/2142

OK 8/28



Seeded 4/27/84

S-4, 9W

39

6655

C612A-41-2-1-1

7/23

11601

-2

7/22

11602

-3

7/21

11603

bis 9/4

-4

7/20

11604

-5

7/19

11605

C612A-41-2-5-1

6659

84/887

7/17

11606

8/29

bis

-2

7/19

11607

-3

7/21

11608



11609

-4

7/18

11610

-5

7/18

11611

C612A-42-3-3-1

7/17

6662

11612

-2

7/19

11613

-3

7/20

11614

-4

7/20

11615

-5

7/15

11616

C612A-45-3-1-1

7/20

6665

bx 8/29  
(linked with 11606-07)

J P/P

-2

7/17

11617

-3

7/17

11618

-4

7/18

11619

-5

7/18

11620

C612A-46-3-1-1

6670

7/19

11621

-2

7/16

11622

-3

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11623

-4

7/18

11624

11625

-5  
7/20

11626

STBN

76

11627

C612A-46-3-2-1

7/21

6671

11628

-2

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11629

-3

7/16

11630

-4

7/18

11631

-5

7/18

11632

C612A-48-5-3-1

7/17

6678

-2

7/18

11633

-3

7/18

11634

fig ✓

-4

7/20

11635

-5

7/20

11636

C612A-49-1-3-1

6683

7/13

11637

-2

7/13

11638

fig ✓

-3

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11639

-4

7/13

11640

115?  
 Enlist of all?  
 w. m. m.

bx 8/29



11641

-5

7/16

11642

C612A-50-2-2-1

7/20

6687

11643

-2

7/18

11644

-3

7/18

11645

-4

7/17

11646

-5

7/16

11647

C612A-51-3-2-1

7/12

6692

11648

-2

7/14

-3

7/12

11649

np

-4

7/14

11650

-5

7/14

11651

LEAH

C50

7/24

11652

lk 8/29

C612A-51-3-5-1

6695

7/16

11653

np ✓

-2

7/15

11654

-3

7/16

11655

-4

7/16

11656

11657

-5  
7/12

11658

C612A-52-2-5-1

7/16

6700

84/888

11659

-2  
7/16

11660

DT

*rough sketch*

*rough sketch, July*

-3  
7/16

6/16 8/29

11661

✓ P1P

-4  
7/17

11662

-5  
7/16

11663

C612A-53-2-2-1

7/14

6702

11664

-2  
7/14

✓ P1P

-3

7/15

11665

-4

7/15

11666

C612A-

6988

7/18

11667

P/P ✓

7/17

11668

C612A-

6995

7/13

11669

7/17

11670

7/15

11671

7/13

11672

P/P ✓



|       |      |      |    |
|-------|------|------|----|
| 11673 | BLMT | 7/23 | Fd |
|-------|------|------|----|

bc 8/29

|       |                |      |      |
|-------|----------------|------|------|
| 11674 | C612A-57-5-2-1 | 7/14 | 6712 |
|-------|----------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 11675 | -2 | 7/15 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11676 | -3 | 7/14 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11677 | -4 | 7/16 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 11678 | -5 | 7/13 |  |
|-------|----|------|--|

✓ PJP

|       |                |      |      |
|-------|----------------|------|------|
| 11679 | C612A-58-1-1-1 | 7/13 | 6716 |
|-------|----------------|------|------|

✓ PJP

|       |    |      |  |
|-------|----|------|--|
| 11680 | -2 | 7/15 |  |
|-------|----|------|--|

-3

7/13

11681

-4

7/13

11682

-5

7/13

11683

C612A-61-5-1-1

6721

7/18

11684

-2

7/20

11685

-3

7/19

11686

-4

7/18

11687

-5

7/15

11688

P/P ✓

11689 C612A-63-4-2-1 7/12 6728

11690 -2 7/13

11691 -3 7/12

11692 -4 7/14

11693 -5 7/14  
PIP

11694 C612A-63-4-3-1 7/13 6729  
84/889

11695 -2 7/13 6729  
☆

11696 -3 7/12  
✓ PIP  
Vino ending 60  
Dm  
Vino good  
ring

-4

7/14

11697

-5

7/14

11698

C612A-64-2-5-1

6736

7/16

11699

-2

7/18

11700

Rip ✓

-3

7/22

11701

-4

7/18

11702

-5

7/19

11703

C612A-65-3-4-1

6740

7/21

11704



11705

-2

7/16

11706

-3

7/19

11707

-4

7/16

11708

-5

7/19

11709

C612A-65-3-5-1

7/20

6T41

11710

-2

7/18

11711

-3

7/18

11712

-4

7/18

-5

7/121

11713

C612A-67-1-2-1

6743

7/116

11714

-2

7/118

11715

-3

7/116

11716

-4

7/117

11717

-5

7/116

11718

11p

C612A-68-2-3-1

6749

7/120

11719

-2

7/119

11720

11721

-3

7/20

11722

-4

7/20

11723

-5

7/18

11724

LMNT

7/27

Fd

br 8/29

11725

C612A-71-2-3-1

7/14

6755

84/890

✓ P/P

br 8/29

11726

-2

7/15

11727

-3

7/14

11728

-4

7/16

-5

7/16

11729

C612A-12-5-5-1

6762

84/891

7/23

11730

-2

7/21

11731

DNT

ul. rif  
Laco

p. 1/2

-3

bx 8/29

7/22

11732

P/P

-4

7/20

11733

-5

7/23

11734

C612A-15-4-1-1

6768

7/20

11735

-2

7/17

11736



11737

-3

7/18

11738

-4

7/18

b/c 9/4

11739

-5

7/18

✓ p/p

11740

C612A-76-2-3-1

7/19

6775

11741

-2

7/19

11742

-3

7/17

11743

-4

7/18

11744

-5

7/17

✓ p/p

|      |                |      |                  |
|------|----------------|------|------------------|
| 6776 | C612A-76-2-4-1 | 7/23 | 11745            |
|      | -2             | 7/18 | 11746            |
|      | -3             | 7/23 | 11747            |
|      | -4             | 7/23 | 11748            |
|      | -5             | 7/22 | 11749<br>flp ✓   |
| Stg  | BOND           | 7/18 | 11750<br>bk 8/29 |
| 6783 | C612A-78-2-5-1 | 7/20 | 11751            |
|      | -2             | 7/21 | 11752            |

11753

-3  
7/18

11754

-4  
7/19

11755

✓ PIP

-5  
7/18

11756

✓ PIP

C612A-78-4-2-1

7/22

6785

11757

-2  
7/19

11758

Bottom NM

6/5 8/29  
-3  
7/20

11759

-4  
7/19

11760

-5  
7/20



6789

C612A-79-2-1-1

84/892

7/118

11761

-2

7/114

11762

-3

7/115

11763

-4

7/116

11764

-5

7/116

11765

P/p ✓

6797

C612A-

84/1259

7/118

11766

bk 8/29

9252-99

C612A-

7/118

11767

7/122

11768



|        |        |      |  |          |
|--------|--------|------|--|----------|
|        |        |      |  |          |
|        | C612A- |      |  |          |
| 11769  |        | 7/18 |  | 19252-99 |
| ✓ P10  |        |      |  |          |
| 11770  |        | 7/19 |  |          |
| 11771  |        | 7/17 |  |          |
| 11772  |        | 7/17 |  |          |
| 11773  | C612A- | 7/16 |  | 6804     |
| 11774  |        | 7/16 |  |          |
| ✓ P10  |        |      |  |          |
| 11775  |        | 7/17 |  |          |
| 11776  | LBLE   | 7/14 |  | Fd       |
| bx 269 |        |      |  |          |

6808

C612A-

84/893

7/16

11777

7/17

11778

7/16

11779

Pip ✓

bk 8/29

7/18

11780

7/19

11781

6815

C612A-

7/16

11782

7/16

11783

7/16

11784

11785

7/15

11786

7/16

11787

C612A-

7/15

6818

11788

7/14

11789

7/13

11790

7/12

11791

7/13

11792

C612A-

7/15

6820

84/354

7/14

11793

out  
V. 1/2 end

bx 2/29

7/14

11794

pip ✓

7/17

11795

7/16

11796

C612A-

6824

7/16

11797

7/16

11798

7/16

11799

7/14

11800

pip ✓



11801

7/19 -

11802

C612A-

7/22

6827

11803

7/21

11804

7/21

bx 9/9

11805

7/21

11806

7/21

11807

C612A-

7/19

6834

11808

7/19

✓ 8/8

7/19

11809

7/19

11810

7/19

11811

C612A-

6840

7/19

11812

7/18

11813

7/18

11814

7/17

11815

7/16

11816

1/6 ✓

C612A-

11817

7120

6845

11818

7120

✓  
P1P

11819

7120

11820

7121

11821

7120

C612A-

11822

7121

6849

✓  
P1P

11823

7122

11824

7122

7/22

11825

7/23

11826

TBNT

Stg

7/20

11827

bx 129

C612A-

6854

7/23

11828

7/23

11829

7/24

11830

P/p ✓

7/24

11831

7/23

11832



C612A-

11833

7/21 -

6859

11834

7/21

11835

7/23

11836

7/21

11837

7/22

✓ P/P

C612A-

11838

7/20

6866

11839

7/18

11840

7/17

7/18

11841

7/16

11842

pip

C612A-

7/17

11843

7/19

11844

pip

7/19

11845

7/20

11846

7/19

11847

C612A-

7/19

11848

6869

6875

|         |      |  |      |
|---------|------|--|------|
| 11849   | 7/20 |  |      |
| 11850   | 7/18 |  |      |
| 11851   | 7/18 |  |      |
| 11852   | 7/17 |  |      |
| pip     |      |  |      |
| 11853   | 7/24 |  | 137  |
| br 2/29 |      |  |      |
| 11854   | 7/17 |  | 6880 |
| CICA-6  |      |  |      |
| 11855   | 7/17 |  |      |
| 11856   | 7/17 |  |      |
| ✓ pip   |      |  |      |

7/16

11857

7/15

11858

C612A-

6884

7/16

11859

7/16

11860

7/27

11861

7/18

11862

7/19

11863

P/P ✓

C612A-

6890

7/20

11864



11865

7/20

11866

7/20

11867

7/18

19252-99

11868

7/18

11869

7/16

11870

7/16

11871

7/23

11872

7/18

✓ 819

7/22

11873

LBLE-X2-2

11000

7/18

11874

bx 8/29

C612A-

6902

7/17

11875

P/P

7/18

11876

7/19

11877

bx 9/4

7/19

11878

7/17

11879

C612A-

6906

7/15

11880

11881

7/19 -

11882

7/18

11883

7/16

11884

7/15

✓  
P/P

11885

C612A-B6-61-5-1

7/18

6913

84/1260

11886

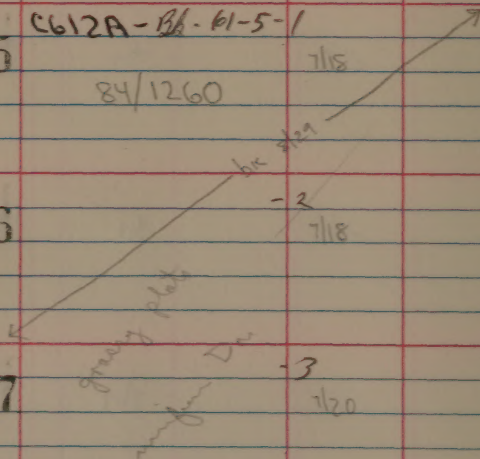
- 2  
7/18

11887

- 3  
7/20

11888

- 4  
7/20



-3-

7/18

11889

C612A-

6915

7/21

11890

7/21

11891

7/21

11892

✓  
P/P

7/20

11893

7/20

11894

C612A-

6921

7/17

11895

7/21

11896



11897

7/16

11898

7/16

11899

7/16

✓  
PIP

11900

C612A-

7/18

6925

84/894

11901

7/15

bx 8/29

11902

7/18

Some  
ht = med. size  
Dns

11903

7/21

11904

7/21

✓  
PIP

C612A-

6930

7/19

11905

7/22

11906

7/21

11907

91P

7/20

11908

7/19

11909

C612A-

6934

7/18

11910

7/21

11911

7/19

11912

11913

7/18

11914

7/17

✓  
PIP

11915

C612A-

7/21

6936

84/895

11916

7/21

11917

✓  
PIP

DM

7/18

11918

bk 5/29

7/20

11919

7/20

11920

C612A-

7/20

6940

7/19

11921

7/21

11922

7/18

11923

7/19

11924

p/p ✓

Fd

SKBT

7/24

11925

bk 8/29

6948

84/1261

7/16

11926

7/15

11927

bk 8/29

DM

Excl. Plot

7/14

11928

p/p ✓



11929

7/16

11930

7/14

11931

C612A-

7/20

6954

✓  
P/P

bx 9/4

11932

7/21

11933

7/17

11934

7/21

11935

7/19

11936

C612A-

7/14

6960

✓  
P/P

7/19

11937

7/16

11938

7/16

11939

7/17

11940

C612A-

6961

84/896

7/17

11941

7/18

11942

7/16

11943

P/P ✓

7/14

11944

11945

7/13

11946

C612A-

7/15

6966

84/1262

11947

7/12

11948

7/15

11949

7/15

11950

7/15

11951

RU8303181

7/22

181

11952

C612A-

7/17

6971

84/897

7/17

11953

PIP

Very good DWT

7/17

11954

bK 8/29

7/17

11955

7/19

11956

C612A-

6978

84/1263

7/15

11957

7/15

11958

Mixer DWT  
VUE

7/16

11959

PIP

bK 8/29

7/16

11960



11961

C612A-

84/898

7/20-

6982

11962

7/18

11963

W. 10K 2/29

7/17

11964

7/17

11965

84/899

7/18

6988

11966

7/18

11967

C612A-

7/15

6702

11968

7/21

|      |        |      |                  |
|------|--------|------|------------------|
| 6710 | C612A- | 7/16 | 11969            |
|      |        | 7/17 | 11970            |
|      |        | 7/15 | 11971            |
|      |        | 7/17 | 11972<br>pip ✓   |
| Fd   | NWRX   | 7/20 | 11973<br>bc 8/29 |
| 7000 | C612A- | 7/11 | 11974            |
|      |        | 7/11 | 11975<br>pip ✓   |
|      |        | 7/11 | 11976            |

11977

7/11

C612A-

11978

7/15

7006

11979

7/16

11980

7/13

✓  
PIP

11981

7/16

C612A-

11982

7/12

7007

✓  
PIP

11983

7/14

11984

7/13

bks 9/4

7/14

11985

C612A-

7013

7/14

11986

7/13

11987

7/13

11988

7/13

11989

7/13

11990

pip ✓

C612A-

7021

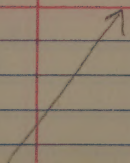
84 | 900

7/15

11991

7/15

11992





11993

✓ PIP

7/14

bk 2129

11994

grassy plot  
w/ ~~inf~~ <sup>Dr</sup>  
ground

7/14

11995

7/14

11996

C612A-

✓ PIP

7/12

7028

11997

7/15

11998

7/12

11999

7/13

bk 914

12000

7/15

|         |            |      |                |
|---------|------------|------|----------------|
| 9252-99 | C612A-BK-1 | 7/20 | 12001          |
|         | -2         | 7/18 | 12002          |
|         | -3         | 7/20 | 12003          |
|         | -4         | 7/19 | 12004<br>pip ✓ |
|         | -5         | 7/19 | 12005          |
|         | -6         | 7/21 | 12006<br>pip ✓ |
|         | -7         | 7/22 | 12007          |
|         | -8         | 7/23 | 12008          |

12009

C612A-BK<sub>6</sub>-9

7/21

19252-90

✓ P/P

12010

-10

7/20

12011

-11

7/21

✓ P/P

12012

-12

7/19

bx 9/4

12013

-13

7/22

12014

-14

7/21

✓ P/P

12015

-15

7/19

12016

-16

7/22



C612A-BK<sub>6</sub>-17  
1252-99

7/21

12017

-18

7/21

12018

pip ✓

-19

7/20

12019

-20

7/21

12020

pip ✓

-21

7/20

12021

-22

7/21

12022

-23

7/21

12023

-24

7/20

12024

pip ✓



|       |           |      |    |
|-------|-----------|------|----|
| 12025 | RU8303089 | 7/21 | 89 |
|-------|-----------|------|----|

|       |                           |      |          |
|-------|---------------------------|------|----------|
| 12026 | C612A-Bx <sub>6</sub> -25 | 7/20 | 19252-99 |
|-------|---------------------------|------|----------|

|       |     |      |  |
|-------|-----|------|--|
| 12027 | -26 | 7/18 |  |
|-------|-----|------|--|

✓ p/p

|       |     |      |  |
|-------|-----|------|--|
| 12028 | -27 | 7/20 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12029 | -28 | 7/19 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12030 | -29 | 7/21 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12031 | -30 | 7/22 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12032 | -31 | 7/16 |  |
|-------|-----|------|--|

✓ e/p

|          |                          |      |       |
|----------|--------------------------|------|-------|
| 19252-99 | C612A-B <sub>4</sub> -32 | 7/16 | 12033 |
|          | -33                      | 7/23 | 12034 |
|          | -34                      | 7/26 | 12035 |
|          | -35                      | 7/21 | 12036 |
|          | -36                      | 7/18 | 12037 |
|          | -37                      | 7/21 | 12038 |
|          | -38                      | 7/19 | 12039 |
|          | -39                      | 7/22 | 12040 |

C612A-Bx6-40

12041

7/18

19252-99

-41

12042

7/20

-42

12043

7/15

✓ PIP

-43

12044

7/20

-44

12045

7/23

-45

12046

7/17

✓ PIP

-46

12047

7/17

-47

12048

7/20

|        |                           |      |                  |
|--------|---------------------------|------|------------------|
| 252-99 | C612A-BK <sub>6</sub> -48 | 7/18 | 12049            |
| Fd     | LBNT                      | 7/20 | 12050            |
| 252-99 | C612A-BK <sub>6</sub> -49 | 7/20 | 12051<br>✓<br>Vp |
|        | -50                       | 7/25 | 12052            |
|        | -51                       | 7/18 | 12053            |
|        | -52                       | 7/23 | 12054            |
|        | -53                       | 7/21 | 12055<br>✓<br>Vp |
|        | -54                       | 7/16 | 12056            |



12057

C612A-Bx6-55

7/21

19252-99

✓ pip

12058

-56

7/18

12059

-57

7/20

✓ pip

12060

-58

7/20

12061

-59

7/19

12062

-60

7/16

✓ pip

12063

-61

7/20

12064

-62

7/15

|        |                           |      |                |
|--------|---------------------------|------|----------------|
| 252-99 | C612A-BK <sub>6</sub> -63 | 7/19 | 12065          |
|        | -64                       | 7/14 | 12066          |
| 6797   | C612A-<br>84/1259         | 7/17 | 12067<br>P/P ✓ |
|        |                           | 7/18 | 12068          |
| 6804   | C612A-BK <sub>6</sub> -65 | 7/19 | 12069          |
|        | -66                       | 7/20 | 12070<br>P/P ✓ |
|        | -67                       | 7/15 | 12071          |
|        | -68                       | 7/16 | 12072<br>P/P ✓ |

12073

C612A-BK<sub>6</sub>-69

7/16

19252-99

12074

-70

7/21

12075

L-201

7/15

13

12076

C612A-BK<sub>6</sub>-71

7/21

19252-99

12077

-72

7/19

12078

-73

7/17

12079

-74

7/17

12080

-75

7/15

|         |                           |      |                |
|---------|---------------------------|------|----------------|
| 1252-99 | C612A-BK <sub>6</sub> -76 | 7/16 | 12081          |
|         | -77                       | 7/20 | 12082<br>P/P ✓ |
|         | -78                       | 7/19 | 12083          |
|         | -79                       | 7/20 | 12084          |
|         | -80                       | 7/17 | 12085<br>P/P ✓ |
|         | -81                       | 7/23 | 12086          |
|         | -82                       | 7/19 | 12087<br>P/P ✓ |
|         | -83                       | 7/20 | 12088          |



C612A-Bx<sub>6</sub>-84

12089

7/18

19252-99

-85

12090

7/16

-86

12091

7/15

-87

12092

7/18

-88

12093

7/17

-89

12094

7/18

bic 9/4

-90

12095

7/15

-91

12096

7/15

|         |                           |      |        |
|---------|---------------------------|------|--------|
| 9252-99 | C612A-BK <sub>6</sub> -92 | 7/18 | 12097  |
|         | -93                       | 7/21 | 12098  |
|         | -94                       | 7/19 | 12099  |
|         |                           |      | BK 914 |
|         | -95                       | 7/20 | 12100  |
|         |                           |      | P/p ✓  |
|         | -96                       | 7/23 | 12101  |
|         |                           |      | P/p ✓  |
|         | -97                       | 7/23 | 12102  |
|         | -98                       | 7/27 | 12103  |
|         | -99                       | 7/20 | 12104  |

12105

C612A-Bx<sub>6</sub>-100

7/19

19252-99

12106

-101

7/24

12107

-102

7/23

12108

-103

7/21

12109

-104

7/21

12110

-105

7/21

12111

-106

7/23

12112

-107

7/24

|         |               |      |       |
|---------|---------------|------|-------|
| 1252-99 | C612A-Box-108 | 7/22 | 12113 |
|         | -109          | 7/20 | 12114 |
|         | -110          | 7/22 | 12115 |
|         | -111          | 7/23 | 12116 |
|         | -112          | 7/18 | 12117 |
|         | -113          | 7/22 | 12118 |
|         | -114          | 7/23 | 12119 |
|         | -115          | 7/19 | 12120 |



12121

C612A-B<sub>kg</sub>-116

7/21

19252-90

12122

-117

7/24

12123

-118

7/22

12124

-119

7/18

✓  
Pip

12125

NWBT

7/28

Stg

12126

C612A-B<sub>kg</sub>-120

7/18

19252-99

✓  
Pip

12127

-121

7/20

12128

-122

7/22

|         |                               |      |       |
|---------|-------------------------------|------|-------|
| 9252-99 | C612A - Bx <sub>6</sub> - 123 | 7/20 | 12129 |
|         | -124                          | 7/21 | 12130 |
|         | -125                          | 7/22 | 12131 |
|         | -126                          | 7/19 | 12132 |
|         | -127                          | 7/16 | 12133 |
|         | -128                          | 7/18 | 12134 |
|         | -129                          | 7/15 | 12135 |
|         | -130                          | 7/21 | 12136 |

12137

C612A-B<sub>6</sub>-131

7/19-

19252-99

✓ P/p

12138

-132

7/20

12139

-133

7/16

✓ P/p

12140

-134

7/19

✓ P/p-

bx 9/4

12141

-135

7/19

✓ P/p

12142

-136

7/21

12143

-137

7/18

12144

-138

7/15

✓ P/p

|          |                           |      |       |
|----------|---------------------------|------|-------|
| 19252-99 | C612A-B <sub>K</sub> -139 | 7/18 | 12145 |
|          | -140                      | 7/15 | 12146 |
|          | -141                      | 7/20 | 12147 |
|          | -142                      | 7/20 | 12148 |
|          | -143                      | 7/16 | 12149 |
| Cro      | Toro 2                    | 7/27 | 12150 |
| 1252-99  | C612A-B <sub>K</sub> -144 | 7/27 | 12151 |
|          | -145                      | 7/20 | 12152 |



C612A-Bk<sub>6</sub>-146

12153

7/20

19252-99

12154

-147

7/20

12155

-148

7/19

✓ PIP  
12156

-149

7/23

12157

-150

7/16

12158

-151

7/23

12159

-152

7/20

✓ PIP  
12160

-153

7/18

|         |                           |      |       |
|---------|---------------------------|------|-------|
| 9252-99 | C612A-B <sub>6</sub> -154 | 7/19 | 12161 |
|         | -155                      | 7/18 | 12162 |
|         | -156                      | 7/19 | 12163 |
|         | -157                      | 7/17 | 12164 |
|         | -158                      | 7/19 | 12165 |
|         | -159                      | 7/20 | 12166 |
| 6890    | C612A-                    | 7/20 | 12167 |
|         |                           | 7/21 | 12168 |

C612A-

12169

7/21

6897

✓ PIP

12170

7/20

12171

7/22

12172

7/21

✓ PIP

C612A-BK<sub>6</sub>-160

12173

7/21

19252-99

-161

12174

7/21

L-202

12175

7/12

Biggs

C612A-BK<sub>6</sub>-162

12176

7/21

19252-99

|         |               |      |       |
|---------|---------------|------|-------|
| 9252-99 | C612A-DK6-163 | 7/17 | 12177 |
|         | -164          | 7/18 | 12178 |
|         | -165          | 7/19 | 12179 |
|         | -166          | 7/17 | 12180 |
|         | -167          | 7/19 | 12181 |
|         | -168          | 7/24 | 12182 |
|         | -169          | 7/21 | 12183 |
|         | -170          | 7/22 | 12184 |



C612 A-BK<sub>6</sub>-171

12185

7/19

19252-99

12186

-172

7/19

12187

-173

7/20

12188

-174

7/23

12189

-175

7/18

12190

-176

7/19

12191

-177

7/20

12192

-178

7/17

|            |                           |      |                |
|------------|---------------------------|------|----------------|
| 9252-99    | C612A-B <sub>6</sub> -179 | 7/20 | 12193          |
|            | -180                      | 7/20 | 12194          |
|            | -181                      | 7/19 | 12195<br>P/P ✓ |
|            | -182                      | 7/16 | 12196          |
|            | -183                      | 7/16 | 12197          |
|            | -184                      | 7/16 | 12198<br>P/P ✓ |
|            | -185                      | 7/21 | 12199          |
| PI 408449  |                           | 7/31 | 12200          |
| 9992-19000 |                           |      |                |

Seeded 5/4/84

S-4, 8W

C623A-BK-2-4-5-1

12201

7/23

10566

SKBT/7402003

IB-49 3

84/941

12202

-2

7/23

12203

-3

7/23

12204

-4

7/23

br 8/28

12205

-5

7/22

12206

C623A-BK-5-3-1-1

7/24

10567

84/942

IB-49 /2

12207

-2

7/24

12208

-3

7/22

✓ 8/8



|        |                   |      |       |
|--------|-------------------|------|-------|
|        | -4                | 7/19 | 12209 |
|        | -5                | 7/25 | 12210 |
| 0575   | C623A-Bk-7-1-4-1  | 7/28 | 12211 |
| B-49/1 | 84/943<br>bx 8/28 |      |       |
|        | -2                | 7/28 | 12212 |
|        | -3                | 7/28 | 12213 |
|        | -4                | 7/28 | 12214 |
|        | -5                | 7/25 | 12215 |
|        | C623A-Bk-8-2-2-1  | 7/27 | 12216 |
| 0578   | 84/945            |      |       |
| B-49/3 |                   |      |       |



12217

-2

7/27

12218

-3

7/28

12219

-4

7/27

12220

-5

7/26

✓  
P/P  
12221

C623A-BK-10-4-3-1

7/27

10585

84/946

12222

-2

7/23

12223

-3

7/23

12224

-4

7/25

-5

7/26

12225

SKBT

Fd

7/23

12226

b/c 9/7

C623A-BK-11-5-3-1

0590

7/24

12227

-2

7/23

12228

-3

7/23

12229

P/P

-4

7/23

12230

-5

7/24

12231

C623A-BK-13-3-1-1

10593

7/19

12232

84/947

12233

-2

7/18

12234

-3

7/18

12235

-4

7/19

12236

-5

7/23

12237

C623A-BK-13-3-3-1

7/23

10595

12238

-2

7/20

12239

-3

7/20

12240

-4

7/20

12237-35  
b14 8/28

-5

7/23

12241

C623A-Bk-14-4-5-1

0602

7/24

12242

84/949

-2

7/24

12243

-3

7/24

12244

-4

7/24

12245

-5

7/24

12246

C623A-Bk-16-1-3-1

0605

7/21

12247

84/950

-2

7/20

12248

Bk 8/28

P/10 ✓

Bk 8/28

P/10 ✓



12249

-3

7/27

12250

-4

7/22

12251

-5

7/23

12252

RU740 2003

7/23

10582

bx 9/7

12253

C623A-Bk-17-1-1-1

7/25

10608

84/951

12254

-2

7/20

pip

bx 8/28

12255

-3

7/24

12256

-4

7/23

-5

7/21

12257

C623A-BK-19-5-3-1

10615

7/25

12258

84/952

-2

7/26

12259

-3

7/27

12260

?  
 xil. strip  
 better plant  
 OK 7/28

Pip

-4

7/25

12261

-5

7/25

12262

C623A-BK-23-3-3-1

10620

7/25

12263

-2

7/24

12264

12265

-3  
7/24

12266

-4  
7/24

12267

-5  
7/23

12268

C623A-BK-24-2-5-1

7/24

10628

84/953

12269

-2  
7/26

12270

-3  
7/26

12271

-4  
7/25

12272

-5  
7/25



|       |                   |    |      |       |        |
|-------|-------------------|----|------|-------|--------|
|       | NW BT             |    |      |       |        |
| Stg   |                   |    | 8/2  | 12273 | bc 9/7 |
| 10629 | C623A-BK-25-2-1-1 |    | 7/19 | 12274 |        |
|       |                   | -2 | 7/17 | 12275 | P/P ✓  |
|       |                   | -3 | 7/19 | 12276 |        |
|       |                   | -4 | 7/19 | 12277 |        |
|       |                   | -5 | 7/19 | 12278 |        |
| 10634 | C623A-BK-26-3-1-1 |    | 7/24 | 12279 | P/P ✓  |
|       | 84/954            | -2 | 7/24 | 12280 |        |



12281

-3

7/24

12282

-4

7/24

12283

-5

7/24

12284

C623A-BK-27-2-1-1

7/22

10639

84/956

12285

-2

7/23

12286

-3

7/22

12287

-4

7/20

12288

-5

7/21

rip  
bk 8/28

lost from till zone  
slate better plant  
bk 8/28

holder, same  
lit. zone.

10648

C623A-Bk-27-3-5-1

84/957

7/20

12289

p 18

bk 8/28

-2

7/20

12290

-3

7/20

12291

-4

7/22

12292

-5

7/20

12293

10650

C623A-Bk-29-3-1-1

7/24

12294

-2

7/28

12295

-3

7/28

12296

bk 9/4

12297

-4  
7/28

12298

-5  
7/27

12299

C623A-BK-30-3-3-1

7/27

10657

12300

-2  
7/26

12301

-3  
7/22

12302

-4  
7/22

12303

-5  
7/23

12304

C623A-BK-32-2-3-1

7/22

10662

-2

7/20

12305

-3

7/22

12306

-4

7/21

12307

p/p ✓

-5

7/21

12308

C623A-BK-35-5-3-1

10667

7/27

12309

-2

7/24

12310

-3

7/24

12311

-4

7/25

12312

p/p ✓



12313

-5

7/25

12314

C623A-Bk-36-5-3-1

7/18

10672

84/958

12315

-2

7/18

12316

-3

7/18

12317

-4

7/18

12318

-5

7/17

12319

C623A-Bk-38-2-2-1

7/19

10677

84/960

12320

-2

7/19



2nd line  
b/c 8/28

-3

7/19

12321

p/p

-4

7/19

12322

-5

7/19

12323

Stg

TBNT

7/24

12324

b/c 9/7

C623A-BK-39-5-1-1

10681

7/22

12325

p/p

-2

7/23

12326

-3

7/23

12327

-4

7/24

12328

12329

-5

7/23

12330

C623A-Bk-43-3-1-1

7/24

10686

84/961

12331

-2

7/24

12332

same as 12331

-3

7/19

12333

-4

7/20

12334

-5

7/24

12335

C623A-Bk-45-3-1-1

7/26

10691

84/962

12336

-2

7/28

-3

7/27

12337

rel. info: 10/28

-4

7/27

12338

-5

7/29

12339

C623A-BK-48-1-1-1

10696

84/963

7/20

12340

-2

7/22

12341

-3

7/20

12342

6/28

-4

7/20

12343

-5

7/20

12344

ft ✓



12345

C623A-BK-48-4-2-1

7/23

10702

rip

84/964

12346

-2

7/24

bk 8/28

12347

-3

7/23

sl. surface  
roller  
(4" 6" short. then LINE)

12348

-4

7/24

12349

-5

7/24

12350

LBLE

7/18

Fd

bk 8/28

12351

C623A-BK<sub>2</sub>-1-5-1

7/19

10710

84/965

rip

12352

-2

7/19

|       |                              |      |       |
|-------|------------------------------|------|-------|
|       | -3                           | 7/20 | 12353 |
|       | -4                           | 7/19 | 12354 |
|       | -5                           | 7/19 | 12355 |
| 10714 | C623A-Bk <sub>2</sub> -3-4-1 | 7/25 | 12356 |
|       | -2                           | 7/23 | 12357 |
|       | -3                           | 7/24 | 12358 |
|       | -4                           | 7/24 | 12359 |
|       | -5                           | 7/23 | 12360 |

|       |                              |      |       |
|-------|------------------------------|------|-------|
| 12361 | C623A-BK <sub>2</sub> -6-5-1 | 7/19 | 10720 |
|-------|------------------------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 12362 | -2 | 7/20 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12363 | -3 | 7/20 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12364 | -4 | 7/19 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12365 | -5 | 7/19 |  |
|-------|----|------|--|

|       |                              |      |       |
|-------|------------------------------|------|-------|
| 12366 | C623A-BK <sub>2</sub> -9-1-1 | 7/20 | 10721 |
|-------|------------------------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 12367 | -2 | 7/19 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12368 | -3 | 7/20 |  |
|-------|----|------|--|

-4

7/19

12369

-5

7/19

12370

P11

C623A-Bk<sub>2</sub>-11-3-1

0729

84/966

7/20

12371

-2

7/26

12372

-3

7/20

12373

P12 ✓

-4

7/27

12374

-5

7/27

12375

LBNT

Fd

7/27

12376

bk 9/7



|       |                               |      |       |
|-------|-------------------------------|------|-------|
| 12377 | C623A-Bk <sub>2</sub> -13-3-1 | 7/23 | 10734 |
|-------|-------------------------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 12378 | -2 | 7/20 |  |
|-------|----|------|--|

✓  
ep

|       |    |      |  |
|-------|----|------|--|
| 12379 | -3 | 7/24 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12380 | -4 | 7/24 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12381 | -5 | 7/27 |  |
|-------|----|------|--|

|       |                               |      |       |
|-------|-------------------------------|------|-------|
| 12382 | C623A-Bk <sub>2</sub> -17-3-1 | 7/26 | 10739 |
|-------|-------------------------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 12383 | -2 | 7/27 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12384 | -3 | 7/27 |  |
|-------|----|------|--|

taller

-4

7/25

12385

-5

7/26

12386

C623A-BK<sub>2</sub>-20-3-1

10744

7/23

12387

-2

7/23

12388

-3

7/23

12389

-4

7/24

12390

-5

7/26

12391

C623A-BK<sub>2</sub>-29-3-1

10749

7/19

12392

12393

rip

-2

7/19

12394

taller bed good  
bk

-3

7/21

12395

-4

7/20

12396

-5

7/21

12397

C623A-Bk<sub>2</sub>-36-4-1

7/23

10761

84/967

12398

-2

7/23

12399

☆  
same unit, very good  
12399-400 m from  
bk

-3

7/21

12400

-4

7/21

rip

-5

7/23

12401

C623A-BK<sub>2</sub>-39-5-1

10767

7/25

12402

bk 9/4

-2

7/25

12403

-3

7/24

12404

-4

7/27

12405

-5

7/23

12406

pip

bk 9/7

C623A-BK<sub>2</sub>-43-5-1

10772

7/23

12407

-2

7/23

12408



12409

-3

7/24

bk 9/4

12410

-4

7/24

12411

-5

7/24

12412

C623A-BK<sub>2</sub>-46-4-1

7/22

10777

12413

-2

7/22

12414

-3

7/22

12415

-4

7/21

12416

-5

7/20

10787

C623A-Bk<sub>2</sub>-51-4-1

84/968

7/27

12417

-2

7/26

12418

pp ✓

-3

7/28

12419

-4

7/27

12420

-5

7/26

12421

10793

C623A-Bk<sub>2</sub>-56-5-1

84/969

7/23

12422

-2

7/23

12423

-3

7/27

12424

pp ✓

bx 213

2425

-4

7/21

2426

-5

7/21

2427

BOND

7/22

Stg

bx 9/7

2428

C623A-BK<sub>2</sub>-57-2-1

7/17

10795

84/970

2429

-2

7/18

52

2430

-3

7/18

2431

-4

7/18

p/p

2432

-5

7/18

|       |                               |      |       |
|-------|-------------------------------|------|-------|
| 10802 | C623A-Bk <sub>2</sub> -61-4-1 | 7/23 | 12433 |
|       | 84/971                        |      |       |
|       |                               | -2   | 12434 |
|       |                               | 7/22 | 12434 |
|       |                               |      | rip   |
|       |                               | -3   | 12435 |
|       |                               | 7/23 | 12435 |
|       |                               | -4   | 12436 |
|       |                               | 7/24 | 12436 |
|       |                               | -5   | 12437 |
|       |                               | 7/24 | 12437 |
| 10804 | C623A-Bk <sub>2</sub> -68-1-1 | 7/22 | 12438 |
|       | 84/972                        |      |       |
|       |                               | -2   | 12439 |
|       |                               | 7/23 | 12439 |
|       |                               | -3   | 12440 |
|       |                               | 7/21 | 12440 |



12441

-4

7/21

12442

-5

7/19

12443

C623A-BK<sub>2</sub>-69-2-1

7/26

10810

12444

-2

7/25

12445

-3

7/27

12446

-4

7/27

12447

-5

7/27

12448

C623A-BK<sub>2</sub>-71-5-1

7/24

10818

-2

7/23

12449

-3

7/23

12450

-4

7/24

12451

-5

7/24

12452

L-202

Biggs

7/21

12453

bx 9/7

C623A-Bk<sub>2</sub>-73-1-1

10819

7/23

12454

84/973

-2

7/22

12455

P/P

-3

7/24

12456

12457

-4  
7/23

12458

-5  
7/24

12459

C623A-Bk<sub>2</sub>-80-5-1

7/19

10839

12460

-2  
7/20

12461

-3  
7/20

12462

-4  
7/20

12463

-5  
7/17

12464

C623A-Bk<sub>2</sub>-82-4-1

7/19

10848

-2

7/18

12465

pip ✓

-3

7/19

12466

-4

7/20

12467

-5

7/20

12468

C623A-BK<sub>2</sub>-87-3-1

10853

7/25

12469

-2

7/19

12470

-3

7/19

12471

pip ✓

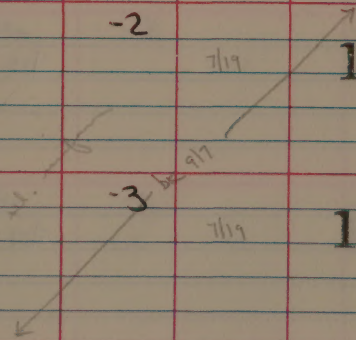
-4

7/19

12472

very good

12470-72 4. 16





12473

-5

7/27-

12474

NWRX

7/27

Fd

b/c 9/7

12475

C623A-BK<sub>2</sub>-87-4-1

7/24

10854

12476

-2

7/25

12477

-3

7/25

✓ p/p

12478

-4

7/28

12479

-5

7/27

12480

C623A-BK<sub>2</sub>-89-3-1

7/25

10858

b/c 9/4

-2

7/23

12481

-3

7/23

12482

p/p

-4

7/24

12483

-5

7/24

12484

C623A-B<sub>2</sub>-91-3-1

10863

7/24

12485

-2

7/24

12486

-3

7/24

12487

-4

7/21

12488

p/p

|      |                               |            |       |  |
|------|-------------------------------|------------|-------|--|
| 2489 |                               | -5<br>7/22 |       |  |
| 2490 | C623A-Bk <sub>2</sub> -93-3-1 | 7/24       | 10868 |  |
| 2491 |                               | -2<br>7/20 |       |  |
| 2492 |                               | -3<br>7/23 |       |  |
| 2493 | C623A-Bk <sub>2</sub> -96-2-1 | 7/21       | 10872 |  |
| 2494 |                               | -2<br>7/21 |       |  |
| 2495 |                               | -3<br>7/21 |       |  |
| 2496 |                               | -4<br>7/17 |       |  |

very good, ind.

✓  
8/1  
bk 9/7

-5

7/22

12497

C623A-Bk<sub>2</sub>-99-1-1

10877

7/21

12498

-2

7/20

12499

-3

7/20

12500

✓  
P/P





C615A = 9881/331581 // 1701074

C612A = 9881/331581 // 1402003

C623A = SKBT / 1402003

W.V. d 903 8/3







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

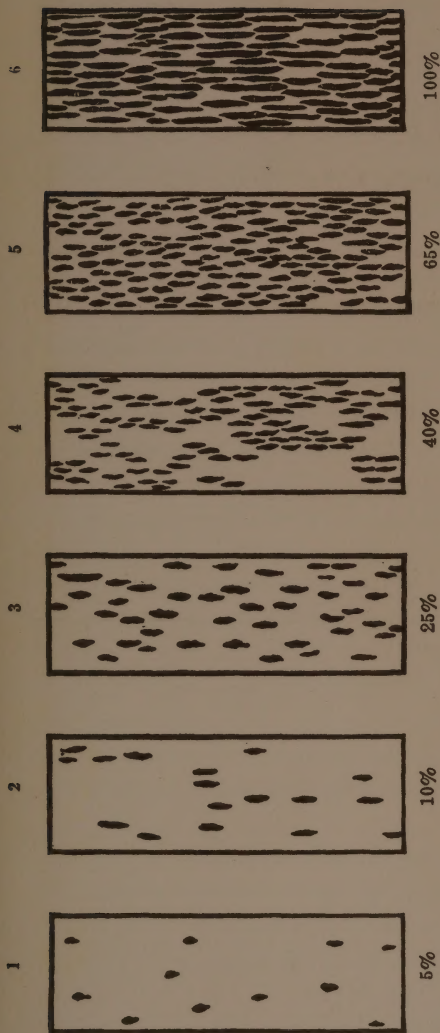


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

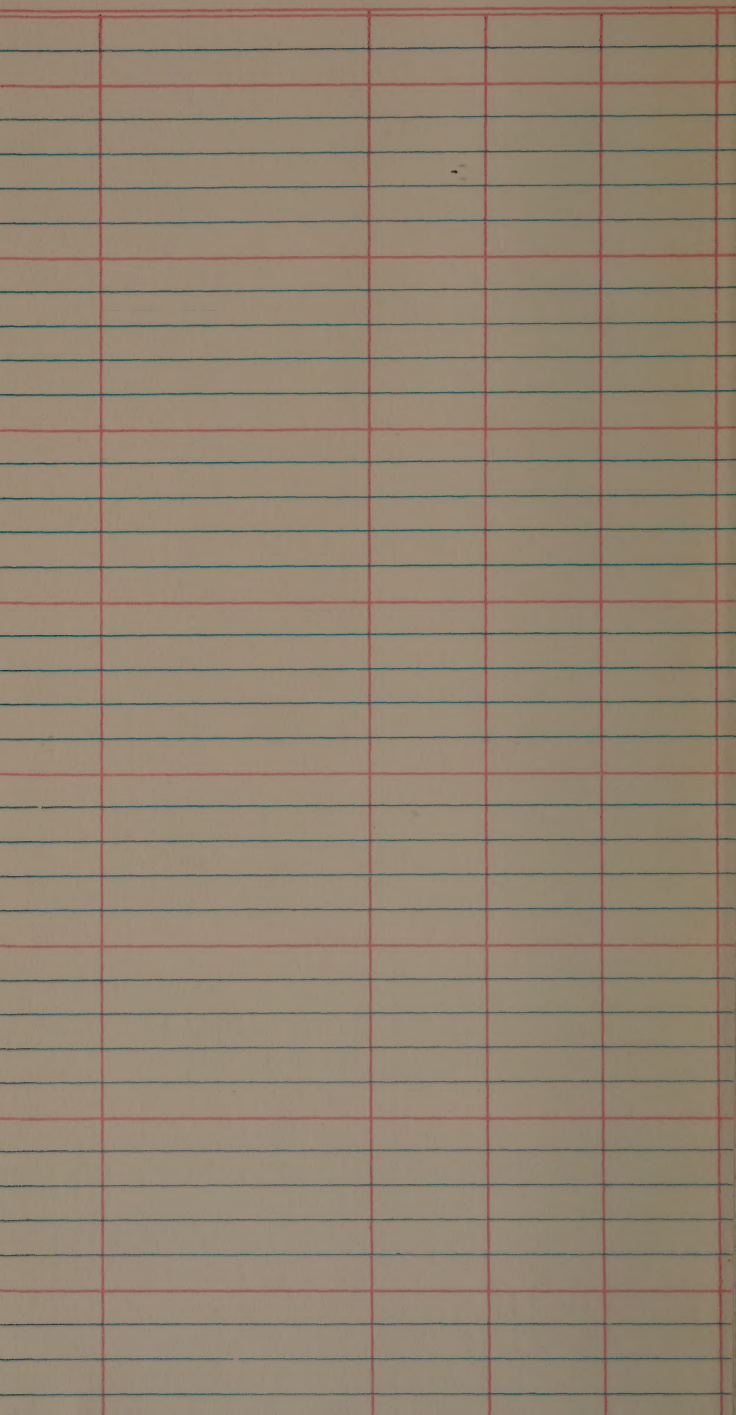
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

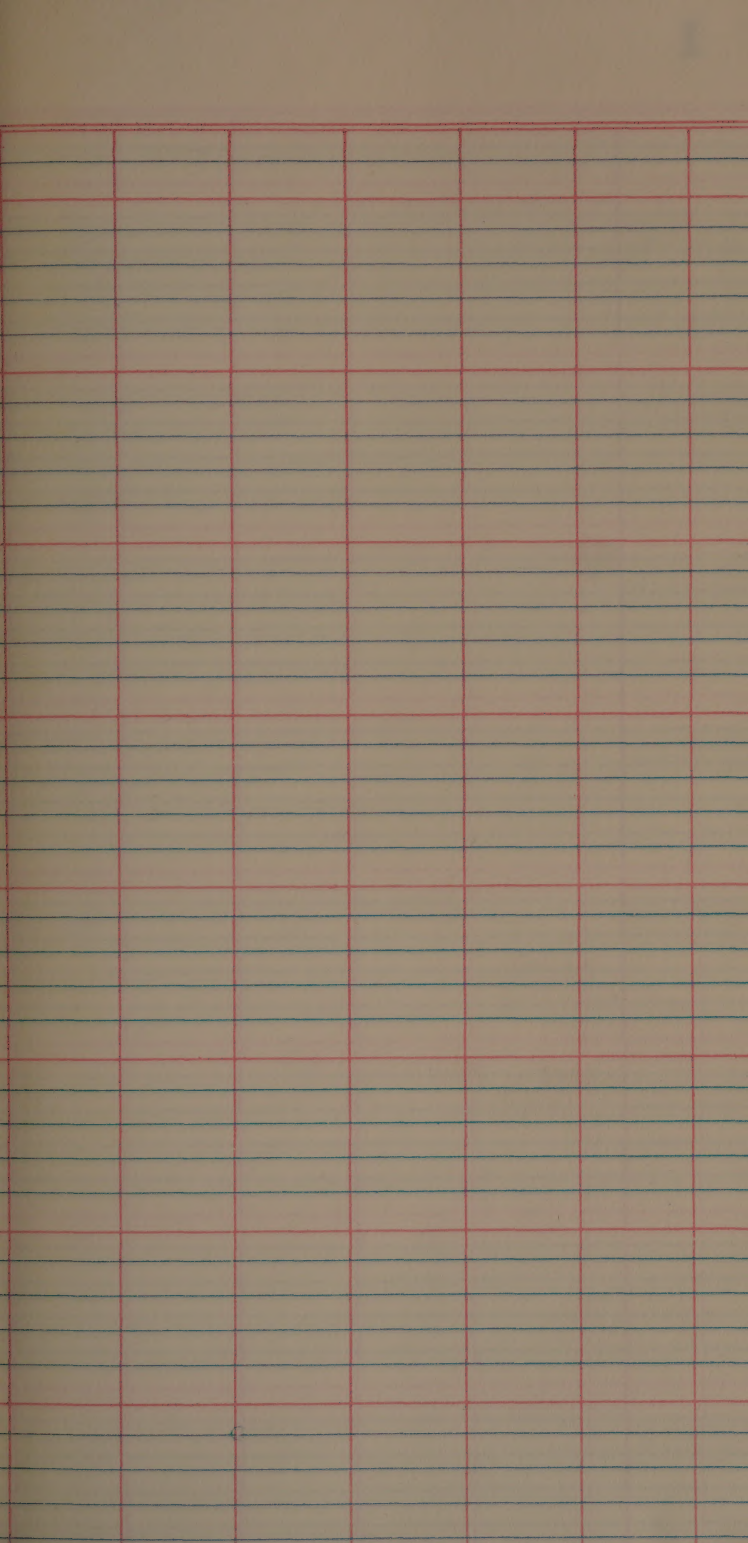
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

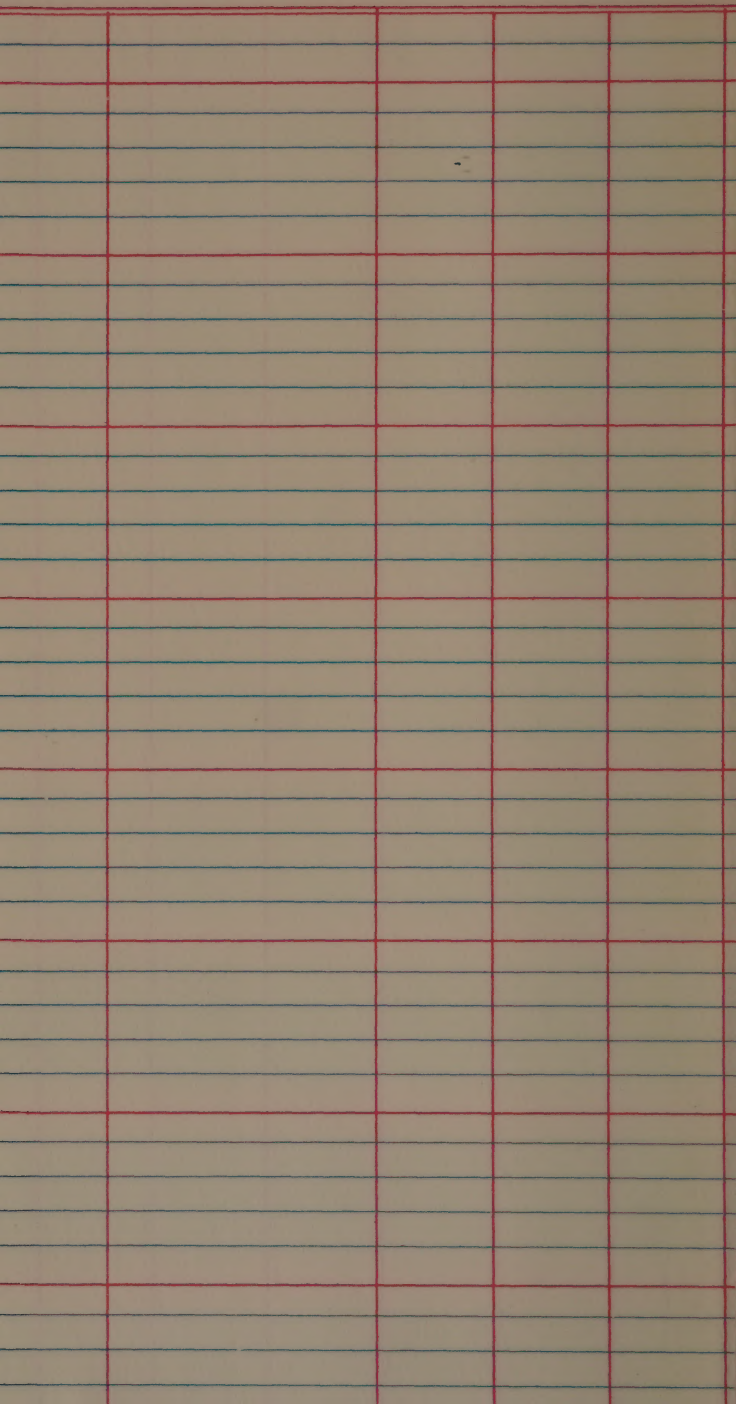


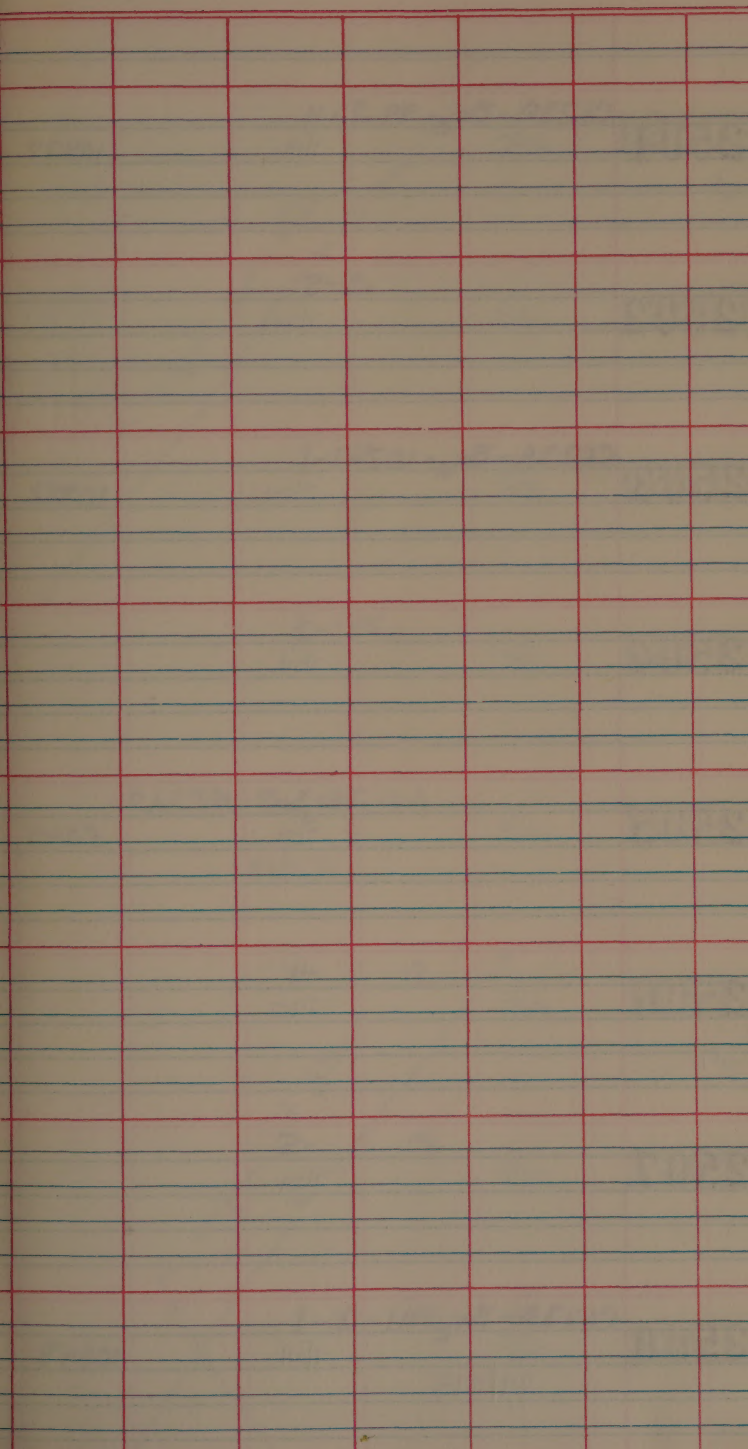














12501

C623A-Bk<sub>2</sub>-99-1-4

7/19

10877

12502

-5

7/21

12503

C623A-Bk<sub>2</sub>-102-1-1

7/24

10882

12504

-2

7/24

12505

-3

7/21

12506

-4

7/20

12507

-5

7/24

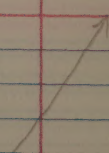
12508

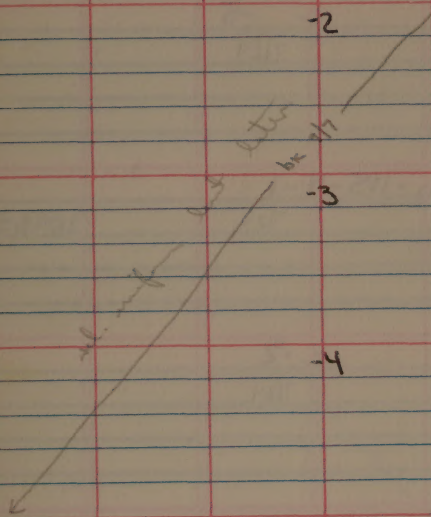
C623A-Bk<sub>2</sub>-111-2-1

7/24

10898

84/975





7/23

12509

7/24

12510

7/24

12511

7/25

12512

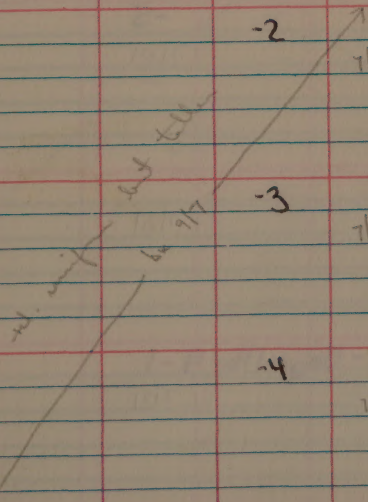
C623A-Bk<sub>2</sub>-115-1-1

10902

84/976

7/24

12513



7/23

12514

7/24

12515

7/25

12516

12517

-5

7/24

12518

C623A-Bk<sub>2</sub>-115-4-1

7/23

10905

12519

-2

7/24

12520

-3

7/24

12521

-4

7/24

12522

-5

7/24

12523

LMNT

7/31

Fd

12524

C623A-Bk<sub>2</sub>-116-4-1

7/21

10910



-2

7/19

12525

-3

7/21

12526

-4

7/19

12527

-5

7/19

12528

C623A-Bn<sub>2</sub>-118-4-1

10915

7/19

12529

-2

7/19

12530

-3

7/19

12531

-4

7/19

12532



12533

-5

7/19

12534

C623A-BK<sub>2</sub>-120-2-1

7/22

10918

84/977

12535

-2

7/24

12536

-3

7/24

12537

-4

7/23

12538

-5

7/19

12539

C623A-BK<sub>2</sub>-126-2-1

7/26

10929

Excellent mix

12540

-2

7/19

-3

7/25

12541

-4

7/21

12542

-5

Excellent

7/19

12543

Pip

bk 9/7

C623A-Bk<sub>2</sub>-136-1-1

0938

84/978

7/20

12544

bk 9/4

-2

7/19

12545

Pip

-3

7/19

12546

-4

7/22

12547

-5

7/21

12548

  
 Excellent find!

bk 9/7  
 7/19

|       |                                |      |       |
|-------|--------------------------------|------|-------|
| 12549 | LEAH                           | 7/28 | Cro   |
| 12550 | C623A-Bk <sub>2</sub> -136-2-1 | 7/20 | 10939 |
| 12551 | -2                             | 7/20 |       |
| 12552 | -3                             | 7/21 |       |
| 12553 | -4                             | 7/21 |       |
| 12554 | -5                             | 7/22 |       |
| 12555 | C623A-Bk <sub>2</sub> -143-1-1 | 7/19 | 10943 |
| 12556 | -2                             | 7/21 |       |



|       |                                |    |      |       |        |
|-------|--------------------------------|----|------|-------|--------|
|       |                                | -3 | 7/19 | 12557 |        |
|       |                                |    |      |       | bx 9/4 |
|       |                                | -4 | 7/20 | 12558 |        |
|       |                                | -5 | 7/20 | 12559 |        |
| 10958 | C623A-Bk <sub>2</sub> -149-5-1 |    | 7/25 | 12560 |        |
|       |                                | -2 | 7/25 | 12561 |        |
|       |                                | -3 | 7/27 | 12562 |        |
|       |                                | -4 | 7/25 | 12563 |        |
|       |                                | -5 | 7/24 | 12564 |        |



|       |               |      |       |
|-------|---------------|------|-------|
| 12565 | C623A-4-4-4-1 | 7/22 | 10972 |
|-------|---------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 12566 | -2 | 7/23 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12567 | -3 | 7/24 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12568 | -4 | 7/21 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12569 | -5 | 7/23 |  |
|-------|----|------|--|

|       |               |      |       |
|-------|---------------|------|-------|
| 12570 | C623A-6-5-5-1 | 7/19 | 10979 |
|-------|---------------|------|-------|

✓  
PR  
br 9/7

|       |    |      |  |
|-------|----|------|--|
| 12571 | -2 | 7/20 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 12572 | -3 | 7/19 |  |
|-------|----|------|--|

-4

7/19

12573

-5

7/19

12574

Toro-2

Cro

7/29

12575

bx 9/7

C623A-8-2-2-1

0986

7/23

12576

-2

7/24

12577

-3

7/24

12578

-4

7/24

12579

bx 9/7

-5

7/24

12580

P/p

112581

C623A-11-2-1-1

84/979

7/23

10995

112582

-2

7/23

✓  
PIP

bic 9/7

112583

-3

7/24

Same lot. note

112584

-4

7/23

112585

-5

7/21

112586

C623A-11-5-1-1

84/980

7/19

11001

112587

-2

7/19

112588

-3

7/19

not mixed  
bottle lot 1  
& good looking



|       |                |        |      |       |        |
|-------|----------------|--------|------|-------|--------|
|       |                | -4     | 7/19 | 12589 | Pip    |
|       |                | -5     | 7/19 | 12590 |        |
| 11009 | C623A-14-4-4-1 | 84/981 | 7/19 | 12591 | Pip    |
|       |                | -2     | 7/18 | 12592 | bk 9/7 |
|       |                | -3     | 7/19 | 12593 |        |
|       |                | -4     | 7/18 | 12594 |        |
|       |                | -5     | 7/19 | 12595 |        |
| 11015 | C623A-15-1-5-1 |        | 7/24 | 12596 |        |



112597

-2

7/24

112598

-3

7/24

112599

-4

7/24

112600

-5

7/24

112601

C623A-15-2-3-1

7/26

11018

112602

-2

7/26

112603

-3

7/25

112604

-4

7/23

-5

7/23

12605

C623A-18-1-3-1

11029

84/982

7/19

12606

-2

7/19

12607

-3

7/18

12608

8/18

-4

7/19

12609

-5

7/18

12610

C623A-19-5-3-1

11034

84/983

7/19

12611

-2

7/19

12612

8/18

12613

-3

7/19

12614

-4

7/19

12615

-5

7/19

12616

C623A-20-5-4-1

7/21

11040

84/984

IB-49/1

12617

-2

7/22

12618

-3

7/22

12619

-4

7/23

12620

-5

7/23



C623A-23-1-1-1

11047

84/985

7/21

12621

-2

7/20

12622

-3

7/19

12623

P/p

-4

7/19

12624

-5

7/19

12625

DLA

8021

7/28

12626

bx 9/7

C623A-23-1-2-1

11048

7/19

12627

-2

7/19

12628



12629

-3  
7/20

12630

-4  
7/18

12631

-5  
7/19

✓  
PR  
bk 9/7

12632

C623A-29-2-1-1

7/18

11053

12633

-2  
7/19

12634

-3  
7/18

12635

-4  
7/20

✓  
P/P

12636

-5  
7/19

|       |                |      |       |
|-------|----------------|------|-------|
| 11058 | C623A-31-1-1-1 | 7/23 | 12637 |
|       | 84/986         |      |       |
|       | -2             | 7/20 | 12638 |
|       | -3             | 7/20 | 12639 |
|       | -4             | 7/19 | 12640 |
|       | -5             | 7/20 | 12641 |
| 11062 | C623A-31-1-5-1 | 7/19 | 12642 |
|       | -2             | 7/20 | 12643 |
|       | -3             | 7/19 | 12644 |

12645

-4

7/20

12646

-5

7/20

12647

C623A-32-2-4-1

7/20

11066

12648

-2

7/19

12649

-3

7/19

bx 9/4

12650

-4

7/19

12651

-5

7/19

✓ PR

12652

RU8003005

7/20

3

bx 9/7

|       |                |      |       |
|-------|----------------|------|-------|
| 11072 | C623A-36-4-5-1 | 7/24 | 12653 |
|       | -2             | 7/27 | 12654 |
|       | -3             | 7/26 | 12655 |
|       | -4             | 7/26 | 12656 |
|       | -5             | 7/25 | 12657 |
| 11074 | C623A-39-3-1-1 | 7/23 | 12658 |
|       | 84/987         |      |       |
|       | -2             | 7/23 | 12659 |
|       | -3             | 7/24 | 12660 |



12661

-4

7/24

12662

-5

7/23

12663

C623A-40-1-3-1

7/19

11081

84/988

IR-49/1

12664

-2

7/20

12665

-3

7/20

12666

-4

7/19

12667

-5

7/19

12668

C623A-40-3-1-1

7/18

11084

none of  
bx 9/17

✓ PIP

-2

7/20

12669

-3

7/19

12670

p/p

bc 9/7

-4

7/19

12671

-5

7/23

12672

C623A-46-3-5-1

11098

7/19

12673

-2

7/19

12674

-3

7/19

12675

-4

7/20

12676

12677

-5

7/20

✓ P/P

bx 9/7

12678

RV8003009

7/25

9

12679

C623A-48-1-3-1

7/16

11101

84/990

12680

-2

7/16

12681

25

no. uniform - very early  
sheet - 2nd

-3

7/16

12682

-4

7/19

12683

-5

7/18

12684

C623A-48-4-3-1

7/20

11106

-2

7/25

12685

-3

7/21

12686

-4

7/24

12687

-5

7/19

12688

very good

rip ✓

bx 917

C623A-49-3-3-1

|||||

84/991

7/20

12689

-2

7/20

12690

rip ✓

bx 917

-3

7/20

12691

-4

7/21

12692



2693

-5

7/21

2694

C623A-53-4-2-1

7/25

11120

84/992

2695

-2

7/24

2696

-3

7/27

2697

-4

7/23

2698

-5

7/23

2699

C623A-54-1-5-1

7/19

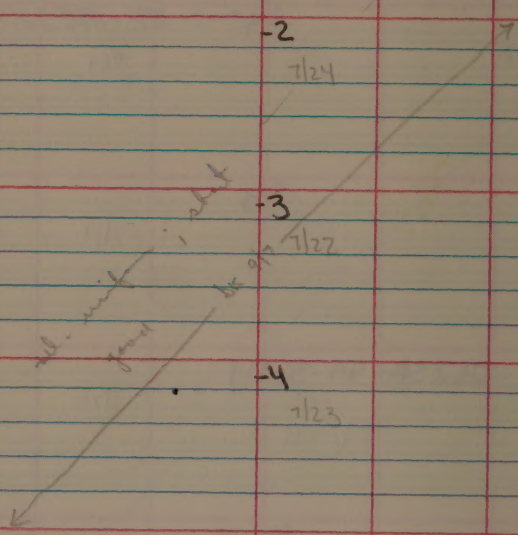
11129

2700

-2

7/19

all. info. - 1 sheet  
good bk of 97



-3

7/21

12701

-4

7/24

12702

-5

7/20

12703

C623A-54-5-2-1

11131

84/993

7/24

12704

-2

7/24

12705

bk 9/4

-3

7/21

12706

-4

7/24

12707

p/p

-5

7/24

12708

12709

C623A-59-1-5-1

84/995

7/18

11144

12710

-2

7/18

12711

-3

7/19

12712

-4

7/20

12713

-5

7/20

12714

C623A-61-5-1-1

7/20

11145

12715

-2

7/22

12716

-3

7/21

-4

7/22

12717

-5

7/21

12718

P/P

C623A-63-5-3-1

11153

7/19

12719

bx 9/4

-2

7/19

12720

-3

7/19

12721

-4

7/19

12722

-5

7/19

12723

P/P

bx 9/7

RU8303046

46

7/29

12724

bx 9/7



12725

C623A-65-3-1-1

84/996

7/16

11161

12726

-2

7/18

12727

-3

7/16

12728

-4

7/16

12729

-5

7/19

12730

C623A-74-5-4-1

$\pm 84/326$

7/22

11180

12731

-2

7/21

12732

-3

7/23

|       |                |    |      |       |        |
|-------|----------------|----|------|-------|--------|
|       |                | -4 | 7/23 | 12733 | 8/10   |
|       |                | -5 | 7/21 | 12734 |        |
| 11185 | C623A-78-5-4-1 |    | 7/20 | 12735 |        |
|       |                | -2 | 7/20 | 12736 |        |
|       |                | -3 | 7/19 | 12737 |        |
|       |                | -4 | 7/20 | 12738 |        |
|       |                | -5 | 7/19 | 12739 | 8/10 ✓ |
| 11195 | C623A-82-5-4-1 |    | 7/24 | 12740 |        |

12741

-2

7/19

12742

-3

7/20

12743

-4

7/20

12744

-5

7/20

12745

C623A-86-1-2-1

7/19

11198

12746

-2

7/19

12747

-3

7/19

12748

-4

7/19

|       |                |        |      |                 |
|-------|----------------|--------|------|-----------------|
|       |                | -5     | 7/19 | 12749           |
| 89    | RU8303089      |        | 7/28 | 12750           |
|       |                |        |      | bx 917          |
| 11201 | C623A-86-1-5-1 | 84/997 | 7/19 | 12751           |
|       |                | -2     | 7/19 | 12752           |
|       |                | -3     | 7/19 | 12753           |
|       |                | -4     | 7/19 | 12754           |
|       |                | -5     | 7/19 | 12755           |
|       |                |        |      | P/p ✓<br>bx 917 |
| 11202 | C623A-88-2-1-1 |        | 7/26 | 12756           |



12757

-2

7/25

bx 9/4

12758

-3

7/25

12759

-4

7/27

12760

-5

7/24

✓  
P/P  
12761

C623A-91-1-3-1

7/22

11209

12762

-2

7/23

12763

-3

7/21

12764

-4

7/24

|        |                          |    |      |                             |
|--------|--------------------------|----|------|-----------------------------|
|        |                          | -5 | 7/24 | 12765                       |
| 71     | Costa Rica 1113          |    |      | 12766                       |
|        |                          |    |      | bk 9/7                      |
| 302-49 | C623A-Bk <sub>6</sub> -1 |    | 7/26 | 12767                       |
|        |                          |    |      | bk 9/4                      |
|        |                          | -2 | 7/19 | 12768                       |
|        |                          |    |      | P <sub>18</sub> ✓<br>bk 9/7 |
|        |                          | -3 | 7/19 | 12769                       |
|        |                          | -4 | 7/25 | 12770                       |
|        |                          | -5 | 7/26 | 12771                       |
|        |                          | -6 | 7/20 | 12772                       |
|        |                          |    |      | P <sub>18</sub> ✓           |

12773 C623A-BK6-7 7/26 19302-4

12774 -8 7/23

✓  
pp  
bk 9/17

12775 -9 7/24

12776 -10 7/23

12777 -11 7/23

12778 -12 7/25

12779 -13 7/27

12780 -14 7/27

✓  
pp  
very good

|         |              |      |                             |
|---------|--------------|------|-----------------------------|
| 8302-49 | C623A-Bug-15 | 7/23 | 12781                       |
|         | -16          | 7/27 | 12782                       |
|         | -17          | 7/25 | 12783                       |
|         | -18          | 7/25 | 12784                       |
|         | -19          | 7/25 | 12785<br>✓<br>PIP<br>bx 9/4 |
|         | -20          | 7/25 | 12786<br>✓<br>PIP           |
|         | -22          | 7/25 | 12787                       |
|         | -23          | 7/23 | 12788                       |



|       |                  |      |          |
|-------|------------------|------|----------|
| 12789 | C623A - Brg - 24 | 7/31 | 19802-49 |
|-------|------------------|------|----------|

|       |     |      |  |
|-------|-----|------|--|
| 12790 | -25 | 7/28 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12791 | -26 | 7/26 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12792 | -27 | 7/28 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12793 | -28 | 7/26 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12794 | -29 | 7/23 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12795 | -30 | 7/23 |  |
|-------|-----|------|--|

|       |     |      |  |
|-------|-----|------|--|
| 12796 | -31 | 7/27 |  |
|-------|-----|------|--|

Seeded 5/4/84

S-4, 7W

20

|          |              |      |       |          |
|----------|--------------|------|-------|----------|
| 19302-49 | C623A-Bkg-32 | 7/24 | 12797 | ✓<br>P/P |
|          | -33          | 7/28 | 12798 |          |
|          | -34          | 7/23 | 12799 |          |
|          | -35          | 7/24 | 12800 | ✓<br>P/P |
|          | -36          | 7/28 | 12801 |          |
|          | -37          | 7/28 | 12802 |          |
|          | -38          | 8/2  | 12803 |          |
|          | -39          | 7/27 | 12804 |          |

|      |              |      |          |
|------|--------------|------|----------|
| 2805 | C623A-BK6-40 | 7/24 | 19302-49 |
|------|--------------|------|----------|

|      |     |      |  |
|------|-----|------|--|
| 2806 | -41 | 7/25 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 2807 | -42 | 7/21 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 2808 | -43 | 7/28 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 2809 | -44 | 7/22 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 2810 | -45 | 7/23 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 2811 | -46 | 7/20 |  |
|------|-----|------|--|

|      |     |      |  |
|------|-----|------|--|
| 2812 | -47 | 7/22 |  |
|------|-----|------|--|

C623A-BK6-48

19302-49

7/23

12813

-49

7/24

12814

-50

7/23

12815

P/P

bx 9/7

-51

7/23

12816

-52

7/25

12817

-53

7/23

12818

P/P ✓

-54

7/25

12819

P/P ✓

-55

7/30

12820



2821

C623A-BK<sub>6</sub>-56

7/23

19302-49

2822

-57

7/19

✓  
PK

bk 917

2823

-58

7/23

2824

-59

7/23

2825

STBN

76

bk 917

2826

C623A-BK<sub>6</sub>-60

7/26

19302-49

2827

-61

7/26

✓  
PIP

2828

-62

7/23

|         |                           |      |       |                            |
|---------|---------------------------|------|-------|----------------------------|
| 9302-49 | C623A-BK <sub>6</sub> -63 | 7/23 | 12829 | P/P<br>bx 9/7              |
|         | -64                       | 7/22 | 12830 | P/P <sup>✓</sup><br>bx 9/4 |
|         | -65                       | 7/22 | 12831 |                            |
|         | -66                       | 7/26 | 12832 |                            |
|         | -67                       | 7/23 | 12833 |                            |
|         | -68                       | 7/24 | 12834 | P/P <sup>✓</sup>           |
|         | -69                       | 7/30 | 12835 |                            |
|         | -70                       | 7/24 | 12836 | bx 9/4                     |

|                    |              |      |          |
|--------------------|--------------|------|----------|
| 12837              | C623A-BK6-71 | 7/23 | 19302-49 |
| ✓<br>PJP<br>bx 9/7 |              |      |          |
| 12838              | -72          | 7/22 |          |
|                    |              |      |          |
| 12839              | -73          | 7/26 |          |
|                    |              |      |          |
| 12840              | -74          | 7/25 |          |
|                    |              |      |          |
| 12841              | -75          | 7/26 |          |
| ✓<br>PJP           |              |      |          |
| 12842              | -76          | 7/30 |          |
|                    |              |      |          |
| 12843              | -77          | 7/25 |          |
|                    |              |      |          |
| 12844              | -78          | 7/25 |          |

|         |              |      |       |                    |
|---------|--------------|------|-------|--------------------|
| 9302-49 | C623A-BK6-19 | 7/23 | 12845 | ✓<br>pip           |
|         | -80          | 7/23 | 12846 |                    |
|         | -81          | 7/27 | 12847 |                    |
|         | -82          | 7/26 | 12848 | ✓<br>pip           |
|         | -83          | 7/23 | 12849 | ✓<br>pip<br>bk 9/4 |
| Cro     | LEAH         | 7/29 | 12850 | bk 9/7             |
| 9302-49 | C623A-BK6-84 | 7/23 | 12851 | ✓<br>pip           |
|         | -85          | 7/25 | 12852 |                    |



|       |                           |      |          |
|-------|---------------------------|------|----------|
| 12853 | C623A-BK <sub>6</sub> -86 | 7/25 | 19302-49 |
|-------|---------------------------|------|----------|

|        |         |      |
|--------|---------|------|
| 12854  | -87     | 7/26 |
| ✓ Pip  | Shutter |      |
| BK 9/7 |         |      |

|       |     |      |
|-------|-----|------|
| 12855 | -88 | 7/29 |
|-------|-----|------|

|       |     |      |
|-------|-----|------|
| 12856 | -89 | 7/21 |
|-------|-----|------|

|       |     |      |
|-------|-----|------|
| 12857 | -90 | 7/24 |
|-------|-----|------|

|       |     |      |
|-------|-----|------|
| 12858 | -91 | 7/23 |
|-------|-----|------|

|        |     |      |
|--------|-----|------|
| 12859  | -92 | 7/24 |
| BK 9/4 |     |      |

|       |     |      |
|-------|-----|------|
| 12860 | -93 | 7/25 |
|-------|-----|------|

|          |              |      |                |
|----------|--------------|------|----------------|
| 19302-49 | C623A-BK6-94 | 7/27 | 12861          |
|          | -95          | 7/20 | 12862<br>pip ✓ |
|          | -96          | 7/25 | 12863          |
|          | -97          | 7/27 | 12864          |
|          | -98          | 7/28 | 12865          |
|          | -99          | 7/23 | 12866<br>pip ✓ |
|          | -100         | 7/23 | 12867          |
|          | -101         | 7/27 | 12868          |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 12869 | CG23A-BK <sub>6</sub> -102 | 7/24 | 19302-49 |
|       | bk 9/4                     |      |          |
| 12870 | -103                       | 7/23 |          |
|       | ✓ P/P                      |      |          |
|       | bk 9/4                     |      |          |
| 12871 | -104                       | 7/30 |          |
| 12872 | -105                       | 7/22 |          |
|       | ✓ P/P                      |      |          |
| 12873 | -106                       | 7/27 |          |
| 12874 | -107                       | 7/30 |          |
| 12875 | CP231                      |      | border   |
|       | bk 9/7                     |      |          |
| 12876 | CG23A-BK <sub>6</sub> -108 | 7/24 |          |

|          |                           |      |        |
|----------|---------------------------|------|--------|
| 19302-49 | C623A-B <sub>6</sub> -109 | 7/29 | 12877  |
|          | -110                      | 7/27 | 12878  |
|          | -111                      | 7/24 | 12879  |
|          |                           |      | bk 914 |
|          | -112                      | 7/24 | 12880  |
|          | -113                      | 7/24 | 12881  |
|          | -114                      | 7/23 | 12882  |
|          |                           |      | P/P ✓  |
|          | -115                      | 7/23 | 12883  |
|          | -116                      | 7/24 | 12884  |
|          |                           |      | P/P ✓  |



|       |                   |      |          |
|-------|-------------------|------|----------|
| 12885 | C623A - Brg - 117 | 7/24 | 19302-49 |
|-------|-------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 12886 | -118 | 7/27 |  |
|-------|------|------|--|

bxc 9/4

|       |      |      |  |
|-------|------|------|--|
| 12887 | -119 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12888 | -120 | 7/31 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12889 | -121 | 7/27 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12890 | -122 | 7/20 |  |
|-------|------|------|--|

✓  
P/P

|       |      |      |  |
|-------|------|------|--|
| 12891 | -123 | 7/23 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12892 | -124 | 7/24 |  |
|-------|------|------|--|

C623A-BK<sub>6</sub>-125

19302-49

7/23

12893

P/p

-126

7/28

12894

-127

7/24

12895

-128

7/24

12896

b/c 9/4

-129

7/22

12897

P/p

b/c 9/4

-130

7/28

12898

-131

7/25

12899

-132

7/26

12900

P/p

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 12901 | C623A-BK <sub>6</sub> -133 | 7/27 | 19302-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 12902 | -134 | 7/28 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12903 | -135 | 7/27 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12904 | -136 | 7/26 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12905 | -137 | 7/25 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12906 | -138 | 7/29 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12907 | -139 | 7/26 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12908 | -140 | 7/25 |  |
|-------|------|------|--|

|          |              |      |                          |
|----------|--------------|------|--------------------------|
| 19302-49 | C623A-BK-141 | 7/23 | 12909                    |
|          | -142         | 7/25 | 12910<br>P/p ✓<br>bk 9/7 |
|          | -143         | 7/24 | 12911                    |
|          | -144         | 7/25 | 12912                    |
|          | -145         | 7/23 | 12913<br>P/p ✓           |
|          | -146         | 7/21 | 12914<br>bk 9/4          |
|          | -147         | 7/19 | 12915                    |
|          | -148         | 7/21 | 12916<br>P/p ✓           |



|       |                               |      |          |
|-------|-------------------------------|------|----------|
| 12917 | C623A - Bk <sub>6</sub> - 149 | 7/26 | 19302-49 |
|-------|-------------------------------|------|----------|

|       |      |      |
|-------|------|------|
| 12918 | -150 | 7/21 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 12919 | -151 | 7/21 |
|-------|------|------|

✓ p/p  
bk 9/7

|       |      |      |
|-------|------|------|
| 12920 | -152 | 7/25 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 12921 | -153 | 7/24 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 12922 | -154 | 7/21 |
|-------|------|------|

✓ p/p  
bk 9/7

Shooter

|       |      |      |
|-------|------|------|
| 12923 | -155 | 7/27 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 12924 | -156 | 7/19 |
|-------|------|------|

|          |                            |      |       |        |
|----------|----------------------------|------|-------|--------|
| Stg      | NWBT                       |      | 12925 | bk 9/7 |
| 19302-49 | C623A-BK <sub>6</sub> -157 | 7/21 | 12926 |        |
|          | -158                       | 7/22 | 12927 | Pip ✓  |
|          | -159                       | 7/24 | 12928 |        |
|          | -160                       | 7/23 | 12929 |        |
|          | -161                       | 7/24 | 12930 |        |
|          | -162                       | 7/24 | 12931 | bk 9/4 |
|          | -163                       | 7/24 | 12932 |        |

12933

C623A - Brg - 164

7/21

19302-49

✓  
Plp

br 9/14

12934

-165

7/19

12935

-166

7/20

✓  
Plp

12936

-167

7/23

12937

-168

7/20

✓  
Plp

12938

-169

7/22

12939

-170

7/22

12940

-171

7/21

|          |                            |      |       |                 |
|----------|----------------------------|------|-------|-----------------|
| 19302-49 | C623A-BK <sub>6</sub> -172 | 7/25 | 12941 | bK 9/4          |
|          | -173                       | 7/20 | 12942 | P/P ✓<br>bK 9/7 |
|          | -174                       | 7/29 | 12943 |                 |
|          | -175                       | 7/19 | 12944 |                 |
|          | -176                       | 7/25 | 12945 |                 |
|          | -177                       | 7/23 | 12946 |                 |
|          | -178                       | 7/28 | 12947 |                 |
|          | -179                       | 7/24 | 12948 | P/P ✓           |



|       |                            |      |          |
|-------|----------------------------|------|----------|
| 12949 | C623A-BK <sub>6</sub> -180 | 7/23 | 19302-49 |
|-------|----------------------------|------|----------|

|       |      |  |    |
|-------|------|--|----|
| 12950 | LMNT |  | Fd |
|-------|------|--|----|

bic 9/7

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 12951 | C623A-BK <sub>6</sub> -181 | 7/25 | 19302-49 |
|-------|----------------------------|------|----------|

bic 9/4

|       |      |      |  |
|-------|------|------|--|
| 12952 | -182 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12953 | -183 | 7/28 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12954 | -184 | 7/21 |  |
|-------|------|------|--|

✓  
PIP

|       |      |      |  |
|-------|------|------|--|
| 12955 | -185 | 7/26 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12956 | -186 | 7/23 |  |
|-------|------|------|--|

|         |                            |      |       |          |
|---------|----------------------------|------|-------|----------|
| 9302-49 | C623A-BK <sub>6</sub> -187 | 7/26 | 12957 | ✓<br>PIP |
|         | -188                       | 7/30 | 12958 | bk 9/4   |
|         | -189                       | 7/26 | 12959 |          |
|         | -190                       | 7/21 | 12960 | ✓<br>PIP |
|         | -191                       | 7/26 | 12961 |          |
|         | -192                       | 7/30 | 12962 |          |
|         | -193                       | 7/25 | 12963 | ✓<br>PIP |
|         | -194                       | 7/24 | 12964 |          |

12965

C623A - Bk<sub>6</sub> - 195

7/28 -

19302-49

12966

-196

7/21

✓ P/p

12967

-197

7/25

12968

-198

7/23

12969

-199

7/23

12970

-200

7/27

✓ P/p

12971

-201

7/31

bK 9/4

12972

-202

7/27

✓ P/p  
bK 9/4

|         |                            |      |                 |
|---------|----------------------------|------|-----------------|
| 1302-49 | C623A-BK <sub>6</sub> -203 | 7/28 | 12973           |
|         | -204                       | 7/27 | 12974           |
| Stg     | TBNT                       | 7/24 | 12975<br>bx 9/7 |
| 9302-49 | C623A-BK <sub>6</sub> -205 | 7/19 | 12976<br>bx 9/4 |
|         | -206                       | 7/20 | 12977           |
|         | -207                       | 7/27 | 12978<br>P/p ✓  |
|         | -208                       | 7/24 | 12979           |
|         | -209                       | 7/27 | 12980           |



|       |                            |       |          |
|-------|----------------------------|-------|----------|
| 12981 | C623A-Bx <sub>6</sub> -210 | 7/25- | 19302-49 |
|-------|----------------------------|-------|----------|

|       |      |      |  |
|-------|------|------|--|
| 12982 | -211 | 7/19 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12983 | -212 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12984 | -213 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12985 | -214 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12986 | -215 | 7/23 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12987 | -216 | 7/23 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12988 | -217 | 7/28 |  |
|-------|------|------|--|

|          |               |      |                          |
|----------|---------------|------|--------------------------|
| 19302-49 | C623A-BK6-218 | 7/28 | 12980                    |
|          | -219          | 7/25 | 12990<br>Pip ✓<br>bx 9/7 |
|          | -220          | 7/30 | 12991                    |
|          | -221          | 7/24 | 12992                    |
|          | -222          | 7/19 | 12993<br>Pip ✓           |
|          | -223          | 7/24 | 12994                    |
|          | -224          | 7/26 | 12995<br>bx 9/6          |
|          | -225          | 7/30 | 12996                    |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 12997 | C623A-Bx <sub>6</sub> -226 | 7/31 | 19302-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 12998 | -227 | 7/22 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 12999 | -228 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13000 | -229 | 7/27 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 13001 | -230 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 13002 | -231 | 7/31 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13003 | -232 | 7/27 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13004 | -233 | 7/26 |  |
|-------|------|------|--|

|          |                                     |      |                          |
|----------|-------------------------------------|------|--------------------------|
| 19302-49 | C623A- BK <sub>6</sub> -234         | 7/30 | 13005                    |
|          | -235                                | 7/24 | 13006                    |
|          | -236                                | 7/25 | 13007                    |
|          | -237                                | 7/24 | 13008                    |
|          | -238                                | 7/24 | 13009<br>P/p ✓           |
|          | -239<br><i>Shutter; very early!</i> | 7/19 | 13010<br>P/p ✓<br>bx 9/7 |
|          | -240                                | 7/26 | 13011                    |
|          | -241                                | 7/24 | 13012<br>P/p ✓           |



|       |                            |      |          |
|-------|----------------------------|------|----------|
| 13013 | C623A-Bk <sub>6</sub> -242 | 7/25 | 19302-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 13014 | -243 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13015 | -244 | 7/18 |  |
|-------|------|------|--|

✓  
8/18

|       |      |      |  |
|-------|------|------|--|
| 13016 | -245 | 7/27 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13017 | -246 | 7/19 |  |
|-------|------|------|--|

✓  
8/19

|       |      |      |  |
|-------|------|------|--|
| 13018 | -247 | 7/23 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13019 | -248 | 7/23 |  |
|-------|------|------|--|

✓  
8/19

|       |      |      |  |
|-------|------|------|--|
| 13020 | -249 | 7/21 |  |
|-------|------|------|--|

|          |                            |      |       |         |
|----------|----------------------------|------|-------|---------|
| 19302-49 | C623A-BK <sub>6</sub> -250 | 7/24 | 13021 | b/c 9/6 |
|          | -251                       | 7/22 | 13022 |         |
|          | -252                       | 7/23 | 13023 |         |
|          | -253                       | 7/21 | 13024 |         |
| Stg      | BOND                       | 7/21 | 13025 | b/c 9/7 |
| 19302-49 | C623A-BK <sub>6</sub> -254 | 7/20 | 13026 | p/p ✓   |
|          | -255                       | 7/25 | 13027 |         |
|          | -256                       | 7/24 | 13028 | p/p ✓   |

|       |               |      |          |
|-------|---------------|------|----------|
| 13029 | C623A-BK6-257 | 7/22 | 19302-49 |
|-------|---------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 13030 | -258 | 7/21 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13031 | -259 | 7/21 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13032 | -260 | 7/24 |  |
|-------|------|------|--|

bx 9/6

|       |      |      |  |
|-------|------|------|--|
| 13033 | -261 | 7/19 |  |
|-------|------|------|--|

✓  
P/P

|       |      |      |  |
|-------|------|------|--|
| 13034 | -262 | 7/25 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13035 | -263 | 7/25 |  |
|-------|------|------|--|

✓  
P/P

|       |      |      |  |
|-------|------|------|--|
| 13036 | -264 | 7/20 |  |
|-------|------|------|--|

✓  
P/P



|          |                            |      |        |
|----------|----------------------------|------|--------|
| 19302-49 | C623A-BK <sub>6</sub> -265 | 7/27 | 13037  |
|          | -266                       | 7/23 | 13038  |
|          |                            |      | bx 9/6 |
|          | -267                       | 7/22 | 13039  |
|          | -268                       | 7/26 | 13040  |
|          | -269                       | 7/19 | 13041  |
|          |                            |      | p/p ✓  |
|          | -270                       | 7/23 | 13042  |
|          | -271                       | 7/23 | 13043  |
|          |                            |      | p/p ✓  |
|          | -272                       | 7/23 | 13044  |
|          | Steps given at mtg.        |      | p/p ✓  |
|          |                            |      | bx 9/6 |



13045

C623A - Bk<sub>6</sub> - 273

7/24

19302-49

bic 9/6

13046

-274

7/24

13047

-275

7/24

13048

-276

7/25

13049

-277

7/24

13050

LBLE

7/20

Fd

bic 9/7

13051

C623A -

-278

7/23

13052

-279

7/24

|          |                            |      |                          |
|----------|----------------------------|------|--------------------------|
| 19302-49 | C623A-BK <sub>6</sub> -280 | 7/24 | 13053                    |
|          | -281                       | 7/24 | 13054<br>bk 9/6          |
|          | -282                       | 7/24 | 13055<br>P/p ✓<br>bk 9/6 |
|          | -283                       | 7/26 | 13056                    |
|          | -284                       | 7/27 | 13057                    |
|          | -285                       | 7/24 | 13058<br>P/p ✓<br>bk 9/7 |
|          | -286                       | 7/28 | 13059                    |
|          | -287                       | 7/25 | 13060                    |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 13061 | C623A-BK <sub>6</sub> -288 | 7/27 | 19302-49 |
|-------|----------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 13062 | -289 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13063 | -290 | 7/23 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13064 | -291 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13065 | -292 | 7/26 |  |
|-------|------|------|--|

✓ P/P  
bk 9/6

|       |      |      |  |
|-------|------|------|--|
| 13066 | -293 | 7/26 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13067 | -294 | 7/19 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13068 | -295 | 7/20 |  |
|-------|------|------|--|

✓ P/P



|         |                            |      |                 |
|---------|----------------------------|------|-----------------|
| 9302-49 | C623A-BK <sub>6</sub> -296 | 7/27 | 13069           |
|         | -297                       | 7/19 | 13070<br>p/p ✓  |
|         | -298                       | 7/21 | 13071<br>p/p ✓  |
|         | -299                       | 7/25 | 13072           |
|         | -300                       | 7/24 | 13073<br>bk 9/6 |
|         | -301                       | 7/25 | 13074           |
| Biggs   | L-202                      | 7/21 | 13075<br>bk 9/7 |
|         | C623A-BK <sub>6</sub> -302 | 7/30 | 13076           |



|       |                            |      |          |
|-------|----------------------------|------|----------|
| 13077 | C623A-Bx <sub>6</sub> -303 | 7/25 | 19302-49 |
|-------|----------------------------|------|----------|

✓ Pp

|       |      |      |
|-------|------|------|
| 13078 | -304 | 7/26 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 13079 | -305 | 7/27 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 13080 | -306 | 7/23 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 13081 | -307 | 7/24 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 13082 | -308 | 7/25 |
|-------|------|------|

|       |      |      |
|-------|------|------|
| 13083 | -309 | 7/27 |
|-------|------|------|

✓ Pp

|       |      |      |
|-------|------|------|
| 13084 | -310 | 7/27 |
|-------|------|------|

|         |                             |      |                |
|---------|-----------------------------|------|----------------|
| 9302-49 | C623A-13K <sub>6</sub> -311 | 7/23 | 13085          |
|         | -312                        | 7/24 | 13086          |
|         | -313                        | 7/29 | 13087          |
|         | -314                        | 7/29 | 13088          |
|         | -315                        | 7/26 | 13089          |
|         | -316                        | 7/23 | 13090<br>P/p ✓ |
|         | -317                        | 7/26 | 13091<br>P/p ✓ |
|         | -318                        | 7/24 | 13092          |

|       |                            |       |          |
|-------|----------------------------|-------|----------|
| 13093 | C623A-BK <sub>6</sub> -319 | 7/24- | 19302-49 |
|-------|----------------------------|-------|----------|

|       |      |      |  |
|-------|------|------|--|
| 13094 | -320 | 7/20 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13095 | -321 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13096 | -322 | 7/22 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13097 | -323 | 7/27 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13098 | -324 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13099 | -325 | 7/24 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 13100 | -326 | 7/26 |  |
|-------|------|------|--|



39

13101

$$84 \overline{) 668}$$

12

13102

13

13103

14

13104

5

81

13105

9/10 ✓  
bx 9/6

13106

|    |     |
|----|-----|
| 84 | 669 |
|----|-----|

-2

13107

3

715

13108



13109

-4

7/17

13110

-5

7/16

13111

C634A-BK-8-2-1

7/27

4310

84/670

13112

-2

7/25

13113

-3

7/25

13114

-4

7/26

13115

-5

7/24

13116

C634A-BK-17-3-1

7/22

4316

84/671

-2

7/22

13117

bk. 9/6

-3

7/20

13118

-4

7/21

13119

-5

7/20

13120

C634A-BK-19-5-1

4321

7/21

13121

-2

7/23

13122

-3

7/23

13123

-4

7/21

13124

r/p ✓

bk. 9/6

DT  
 4th. uniform  
 (right 9th. 1st. 2nd.)

13125

-5

7/12

tall row

13126

R07802003

7/30

11276

Only 3 or 4 plants

b/c 9/6

13127

C634A-Bk-26-3-1

7/29

4324

13128

-2

7/29

13129

-3

7/31

✓ P/R

b/c 9/6

13130

-4

7/31

13131

-5

7/31

13132

C634A-Bk-28-5-1

7/21

4331



-2

7/23

13133

-3

7/22

13134

-4

7/25

13135

P/P ✓

bk 9/6

-5

7/27

13136

C634A-BK-32-2-1

4333

7/31

13137

-2

7/31

13138

-3

7/27

13139

-4

7/30

13140

P/P ✓

bk 9/6



13141

-5  
7/31

13142

C634A-Bk-33-2-1

7/25

4338

13143

-2  
7/25

✓  
p/p  
bxc 9/6

13144

-3  
7/27

13145

-4  
7/25

13146

-5  
7/24

13147

C634A-Bk-35-1-1

7/20

4342

✓  
p/p  
bxc 9/6

13148

-2  
7/31

-3

7/14

13149

-4

7/23

13150

-5

7/31

13151

ELBL

2029

7/9

13152

C634A-Bx-35-3-1

4344

7/21

13153

-2

7/21

13154

-3

7/13

13155

-4

7/21

13156

13157

-5

7/21

✓  
p/p  
br 9/6

13158

C634A-BK-37-4-1

7/15

4350

✓  
p/p

84/1282

13159

-2

7/18

13160

-3

7/18

DS  
rel. min  
br 9/6

13161

-4

7/18

13162

-5

7/19

13163

C634A-BK-38-5-1

7/18

4357

13164

-2

7/16



-3

7/16

13165

P/P ✓

bk 9/6

-4

7/16

13166

-5

7/16

13167

C634A-BK-39-1-1

4358

7/16

13168

-2

7/15

13169

P/P ✓

bk 9/6

-3

7/15

13170

-4

7/16

13171

-5

7/14

13172

P/P ✓



|       |       |      |    |
|-------|-------|------|----|
| 13173 | L-201 | 7/19 | 13 |
|-------|-------|------|----|

bk 9/6

|       |                 |      |      |
|-------|-----------------|------|------|
| 13174 | C634A-BK-42-4-1 | 7/27 | 4366 |
|-------|-----------------|------|------|

|       |  |            |  |
|-------|--|------------|--|
| 13175 |  | -2<br>7/27 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 13176 |  | -3<br>7/23 |  |
|-------|--|------------|--|

proof ex 301/100  
long 100

|       |  |            |  |
|-------|--|------------|--|
| 13177 |  | -4<br>7/27 |  |
|-------|--|------------|--|

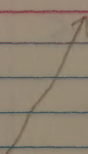
9/10

|       |  |           |  |
|-------|--|-----------|--|
| 13178 |  | -5<br>8/1 |  |
|-------|--|-----------|--|

|       |                 |      |      |
|-------|-----------------|------|------|
| 13179 | C634A-BK-46-1-1 | 7/23 | 4368 |
|-------|-----------------|------|------|

84/672

|       |  |            |  |
|-------|--|------------|--|
| 13180 |  | -2<br>7/23 |  |
|-------|--|------------|--|



DMT  
 rel. info  
 after post direction  
 -3  
 7/23  
 -4  
 7/23  
 -5  
 7/27

13181

13182

P/P ✓

13183

C634A-BK-46-3-1

4370

7/24

13184

-2

7/23

13185

-3

7/22

13186

-4

7/24

13187

-5

7/21

13188

P/P ✓

13189

C634A-BK-51-1-1

7/20

4373

✓ PR

84/673

13190

-2

7/22

☆

13191

DM

-3

7/21

ad. better

13192

-4

7/21

13193

-5

7/22

13194

C634A-BK-51-3-1

7/21

4375

13195

-2

7/20

DMT  
Goulds offer

13196

-3

7/23

✓ PR



|      |                 |               |      |       |
|------|-----------------|---------------|------|-------|
|      |                 | bk 9/6-4<br>↙ | 7/24 | 13197 |
|      |                 | -5            | 7/25 | 13198 |
| 4381 | C634A-BK-53-4-1 |               | 7/26 | 13199 |
|      |                 | -2            | 7/24 | 13200 |
|      | Amara Singh     | -3            | 7/26 | 13201 |
|      |                 | -4            | 7/29 | 13202 |
|      |                 | -5            | 7/21 | 13203 |
| 4389 | C634A-BK-58-2-1 |               | 7/27 | 13204 |



13205

-2

7/21

13206

-3

7/27

13207

-4

7/25

✓ PJP  
bk 9/6

very good

13208

-5

7/24

13209

C634A-BK-59-4-1

7/19

4396

13210

-2

7/20

✓ PJP  
bk 9/6

13211

-3

7/20

13212

-4

7/20

-5

7/21

13213

PI 408449

8992-19000

13214

bx 9/6

C614A-1-2-3-1

11253

7/22

13215

9881/331581//7802003

-2

7/23

13216

-3

7/24

13217

-4

7/23

13218

-5

7/20

13219

P/e ✓

bx 9/6

C614A-8-1-2-1

11267

7/21

13220

bx 9/6

13221

-2

7/17

✓  
p/p  
br 9/6  
13222

-3

7/17

13223

-4

7/22

13224

-5

7/23

13225

C614A-16-1-2-1

7/21

11272

13226

-2

7/23

13227

-3

7/22

13228

-4

7/23

-5

7/22

13229

P/P

C614A-18-3-5-1

11281

7/16

13230

-2

7/15

13231

-3

7/15

13232

-4

7/15

13233

P/P

-5

7/18

13234

P/P

b/c 7/16

C614A-22-1-2-1

11283

84/934

7/23

13235

-2

7/23

13236

P/P



13237

-3

7/22

13238

-4

7/24

13239

-5

7/27

13240

C614A-46-3-4-1

7/17

11295

13241

-2

7/16

13242

-3

7/15

13243

-4

7/16

13244

-5

7/22

11299

C614A-49-2-3-1

7/20

13245

-2

7/20

13246

-3

7/20

13247

-4

7/20

13248

P/P

-5

7/21

13249

9677

RU7703008

8/1

13250

bx 9/6

11306

C614A-49-4-5-1

7/20

13251

-2

7/20

13252

13253

-3

7/20

13254

-4

7/21

✓  
P/P

13255

-5

7/21

13256

C614A-59-4-2-1

7/19

11308

84/935

13257

-2

7/22

13258

-3

7/19

✓  
P/P

bx 916

Dr  
variable

13259

-4

7/21

13260

-5

7/20



C614A-64-4-4-1

11315

7/19

13261

p/p ✓

bk 9/6

-2

7/18

13262

-3

7/18

13263

-4

7/19

13264

-5

7/18

13265

C614A-Bk-15-4-1

11320

7/22

13266

-2

7/21

13267

-3

7/21

13268

p/p ✓



13269

-4

7/21

13270

-5

7/21

13271

CG14A-BK-16-2-1

7/19

11324

13272

-2

7/17

✓  
P/P  
bk 916

13273

-3

7/19

bk 917

13274

-4

7/20

13275

-5

7/17

13276

RU8303116

7/21

116

bk 916

|       |                 |      |       |
|-------|-----------------|------|-------|
| 11330 | C614A-Bk-18-3-1 | 7/21 | 13277 |
|-------|-----------------|------|-------|

|  |    |      |       |
|--|----|------|-------|
|  | -2 | 7/21 | 13278 |
|--|----|------|-------|

|  |    |      |       |
|--|----|------|-------|
|  | -3 | 7/21 | 13279 |
|--|----|------|-------|

|  |    |      |       |
|--|----|------|-------|
|  | -4 | 7/19 | 13280 |
|--|----|------|-------|

|  |    |      |       |
|--|----|------|-------|
|  | -5 | 7/20 | 13281 |
|--|----|------|-------|

|       |                 |      |       |
|-------|-----------------|------|-------|
| 11336 | C614A-Bk-21-4-1 | 7/20 | 13282 |
|-------|-----------------|------|-------|

|  |    |      |       |
|--|----|------|-------|
|  | -2 | 7/17 | 13283 |
|--|----|------|-------|

|  |    |      |       |
|--|----|------|-------|
|  | -3 | 7/18 | 13284 |
|--|----|------|-------|

13285

-4  
7/20

13286

-5  
7/20

✓ Pp  
very good  
bk 9/6

13287

C614A-BK-25-3-1

7/20

11345

13288

-2  
7/21

13289

4.1. very good

-3  
7/20

13290

-4  
7/20

13291

-5  
7/20

✓ Pp

13292

C614A-BK-35-2-1

7/21

11350

-2

7/22

13293

-3

7/23

13294

-4

7/21

13295

-5

7/22

13296

P/P ✓  
OK 9/6

C614A-BK-35-3-1

11351

7/20

13297

-2

7/24

13298

-3

7/23

13299

-4

7/22

13300

P/P ✓  
OK 9/6



13301

-5

7/19

13302

C614A-BK-44-1-1

7/16

11364

84/936

13303

-2

7/18

13304

-3

7/18

13305

-4

7/19

13306

-5

7/18

13307

C614A-BK-45-3-1

7/23

11371

13308

-2

7/20

-3

7/21

1330

-4

7/21

13310

P/P

bk 9/6

-5

7/21

13311

C614A-BK-47-1-1

11375

7/20

13312

-2

7/21

13313

P/P ✓

bk 9/6

-3

7/22

13314

-4

7/21

13315

-5

7/20

13316

22

|       |                 |      |       |
|-------|-----------------|------|-------|
| 13317 | C614A-BK-50-2-1 | 7/20 | 11381 |
|-------|-----------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 13318 | -2 | 7/23 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 13319 | -3 | 7/22 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 13320 | -4 | 7/20 |  |
|-------|----|------|--|

✓  
P/P

|       |    |      |  |
|-------|----|------|--|
| 13321 | -5 | 7/22 |  |
|-------|----|------|--|

|       |                 |      |       |
|-------|-----------------|------|-------|
| 13322 | C614A-BK-55-5-1 | 7/20 | 11394 |
|-------|-----------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 13323 | -2 | 7/18 |  |
|-------|----|------|--|

✓ P/P

|       |    |      |  |
|-------|----|------|--|
| 13324 | -3 | 7/20 |  |
|-------|----|------|--|

13325

-4

7/21

13325

-5

7/19

13326

1BLE-X2-2

11000

7/22

13327

bk 9/6

C614A-BK-66-5-1

11399

7/18

13328

-2

7/19

13329

-3

7/19

13330

-4

7/19

13331

-5

7/19

13332

✓  
1/2



13333

C614A-BK-67-1-1

7/19

11400

13334

-2

7/19

13335

-3

7/19

13336

-4

7/19

13337

-5

7/19

13338

C614A-BK-72-4-1

7/21

11408

13339

-2

7/16

13340

-3

7/17

-4

7/22

13341

-5

7/24

13342

C614A-BK-75-5-1

11414

7/18

13343

-2

7/17

13344

-3

7/20

13345

-4

7/20

13346

-5

7/21

13347

C614A-BK-79-1-1

11415

7/22

13348

13349

-2  
7/22

13350

-3  
7/22

13351

-4  
7/23

13352

-5  
7/19

13353

BLMT

7/30

Fd

bk 9/6

13354

C614A-BK-94-3-1

7/30

11428

13355

-2  
7/29

13356

-3  
7/29



-4

7/29

13357

-5

7/27

13358

P/P ✓

C614A-Bk-99-1-1

11431

7/23

13359

-2

7/20

13360

P/P ✓

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7/22

13361

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13362

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13363

C614A-Bk-105-4-1

11449

7/26

13364



13365

-2-

7/23

13366

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13367

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13368

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✓  
P/P  
13369

C614A-BK-107-5-1

7/25

11456

13370

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13371

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✓  
P/P  
13372

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13373

C614A-BK-115-4-1

11460

7/23

13374

-2

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13375

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13376

P/P

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13377

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13378

C614A-BK-120-2-1

11463

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13379

P/P

BK 9/6

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13380

13381

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7/23

13382

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13383

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13384

CG14A-BK-125-2-1

7/20

11468

13385

-2

7/18

✓ P/P

BK 9/16

13386

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✓ P/P

6/11/18

13387

-4

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13388

-5

7/18



|         |                                           |      |                         |
|---------|-------------------------------------------|------|-------------------------|
| 82/2129 | PI 372041<br><i>Some early off-types!</i> | 8/24 | 13389                   |
| 11599   | PI 372054                                 | 7/25 | 13390<br><i>bx 9/6</i>  |
| 11600   | PI 372056                                 | 7/25 | 13391<br><i>bx 9/6</i>  |
| 82/2132 | PI 372097                                 |      | 13392<br><i>bx 9/14</i> |
| 82/2152 | PI 331581                                 | 7/30 | 13393<br><i>bx 9/6</i>  |
| 9175    | RU 7603069                                | 7/29 | 13394<br><i>bx 9/6</i>  |
| 2/2159  | 76/1227-1                                 | 7/18 | 13395<br><i>bx 9/6</i>  |
| 2/2160  | 76/1309-1                                 | 7/30 | 13396<br><i>bx 9/6</i>  |



Seeded 5/15/84

S-5, 13W

|       |      |         |
|-------|------|---------|
| 13397 | 13-D | 82/2154 |
|-------|------|---------|

bkr 9/14

|       |         |      |
|-------|---------|------|
| 13398 | SSD/SSS | 9226 |
|-------|---------|------|

bkr 9/6

|       |                 |    |
|-------|-----------------|----|
| 13399 | Costa Rica 1113 | 71 |
|-------|-----------------|----|

bkr 9/6

|       |        |     |
|-------|--------|-----|
| 13400 | CICA-6 | 137 |
|-------|--------|-----|

bkr 9/6

|       |                  |     |      |
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| 13401 | C611A-BK-6-2-2-1 | 8/4 | 9837 |
|-------|------------------|-----|------|

9881/331581//L201

|       |        |    |     |
|-------|--------|----|-----|
| 13402 | 84/808 | -2 | 8/5 |
|-------|--------|----|-----|

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| 13403 |  | -3 | 8/5 |
|-------|--|----|-----|

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| 13404 |  | -4 | 8/5 |
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13405

C611A-BK-6-3-2-1

9842

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13406

84/809

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13407

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13408

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13409

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13410

C611A-BK-12-2-2-1

9853

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13411

84/810

-2

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13412

13413

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13414

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13415

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13416

C611A-BK-17-1-4-1

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9860

84/812

13417

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13418

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13420

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C611A-BK-17-3-2-1

9863

84/813

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13421

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13422

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13423

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13424

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13425

RU7703008

9677

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13426

bk 9/11

C611A-BK-20-2-1-1

9867

84/814

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13427

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13428



13429

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13430

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13431

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13432

C611A-BK-21-5-2-1

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9879

84/815

13433

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13434

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13435

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13436

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9885

C611A-BK-22-3-3-1

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13437

AP

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13438

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13439

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13440

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13441

9890

C611A-BK-26-2-3-1

8/9

13442

84/817

-2

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13443

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13444

13445

Plp

bx 9/11 -

-4  
8/9

13446

-5  
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13447

C611A-BK-26-2-5-1

84/818

8/10

9892

13448

Plp

bx 9/11

-2  
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13449

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13450

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13451

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13452

LMNT

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Fd



CG11A-BK-26-5-3-1

9895

818

13453

84/819

-2

819

13454

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819

13455

p/p ✓

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819

13456

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13457

CG11A-BK-27-3-4-1

9901

817

13458

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817

13459

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817

13460

p/p ✓



13461

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13462

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13463

C611A-BK-28-1-5-1

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9907

84/820

13464

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13465

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13466

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13467

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13468

C611A-BK-28-3-4-1

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9911

84/822

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13469

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13470

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13471

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13472

C611A-Bx-28-5-4-1

9916

8/2

13473

84/823

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13474

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13475

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13476

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13477

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13478

L-201

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13

bk 9/11

13479

C611A-Bk-30-1-4-1

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9927

flp

13480

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13481

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13482

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13483

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13484

C611A-Bk-30-2-1-1

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9929



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13485

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13486

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13487

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13488

C611A-BK-38-4-1-1

9934

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13489

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13490

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13491

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13492



13493

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13494

C611A-BK-38-5-5-1

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9943

84/824

13495

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13496

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13497

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13498

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13499

C611A-BK-42-1-2-1

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9945

13500

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|      |                    |    |     |       |                    |
|------|--------------------|----|-----|-------|--------------------|
|      |                    | -3 | 8/6 | 13501 | ✓<br>9p<br>bx 9/11 |
|      |                    | -4 | 8/3 | 13502 |                    |
|      |                    | -5 | 8/7 | 13503 |                    |
| 9951 | C611A-BK-42-2-2-1  |    | 8/3 | 13504 |                    |
|      | 84/825             |    |     |       |                    |
|      |                    | -2 | 8/3 | 13505 |                    |
|      | Spine det. 10/1/12 | -3 | 8/4 | 13506 | ✓<br>9p<br>bx 9/11 |
|      |                    | -4 | 8/3 | 13507 |                    |
|      |                    | -5 | 8/3 | 13508 |                    |

C611A-BK-48-5-4-1

13509

8/4

9958

84/827

bx 9/11

13510

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13511

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13512

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13513

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13514

C611A-BK-49-2-3-1

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9962

84/828

13515

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13516

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|------|-------------------|----|------|---------------------|
|      |                   | -4 | 7/31 | 13517               |
|      |                   | -5 | 8/5  | 13518               |
|      |                   |    |      | ✓<br>P/P<br>bk 9/11 |
| 9968 | C611A-BK-49-5-4-1 |    | 8/7  | 13519               |
|      |                   |    |      | ✓<br>P/P            |
|      |                   | -2 | 8/7  | 13520               |
|      |                   | -3 | 8/6  | 13521               |
|      |                   | -4 | 8/8  | 13522               |
|      |                   | -5 | 8/6  | 13523               |
| Stg  | BOND              |    | 8/3  | 13524               |
|      |                   |    |      | bk 9/11             |



C611A-Bk-54-5-1-1

13525

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9970

84/829

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C611A-Bk-60-5-5-1

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9980

13531

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13532

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13534

C611A-Bk-63-3-3-1

9983

84/830

7/30

13535

-2

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13536

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13537

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13538

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13539

P/P ✓

bk 9/11

C611A-Bk-63-4-2-1

9987

84/321

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13540

13541

-2  
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13542

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13543

-4  
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13544

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13545

C611A-BK-64-1-1-1

7/31

9991

84/831

13546

-2  
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13547

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13548

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13549

p/p

bk 9/11

LBNT

Fd

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13550

bk 9/11

CG11A-Bk-64-4-1-1

9996

8/3

13551

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13552

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13553

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13554

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13555

CG11A-Bk-64-4-2-1

9997

8/1

13556

84/832



13557

-2

8/3

13558

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13559

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8/3

✓ PIP

bK 9/11

13560

-5

8/1

13561

C611A-BK-66-1-341

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10003

13562

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✓ PIP

13563

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13564

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13565

C611A-BK-66-5-3-1

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13566

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13567

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13568

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13569

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13570

P/P ✓

C611A-BK-67-2-2-1

0012

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13571

84/834

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13572

P/P ✓

BK 9/11

13573

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13574

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13575

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13576

L-202

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Biggs

bx 9/11

13577

C611A-BK-67-5-1-1

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13578

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13579

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✓ p/p

bx 9/11

13580

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13581

C611A-BK-85-3-4-1

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13582

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13583

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13584

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13585

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13586

C611A-BK-94-3-2-1

10038

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13587

84/837

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13588



13589

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13590

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13591

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13592

C611A-BK-94-4-3-1

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13595

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C611A-BK-94-5-2-1

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13597

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6/12 9/11

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13598

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13599

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13601

C611A -1-2-1-1

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13603

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13604

13605

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13606

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C611A-1-2-4-1

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10056

84/840

13608

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13609

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13610

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13612

C611A-1-4-3-1

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13613

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13614

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13616

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C611A-4-3-5-1

10067

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13618

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C611A-4-5-4-1

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13634

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13641

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13648

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13649

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PR6701-15

bk 9/11

C611A-17-5-3-1

13654

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10096

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13662

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|-------|----------------|--------|-------|
| 13669 | C611A-25-5-4-1 | 8/11 - | 10117 |
|-------|----------------|--------|-------|

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|-------|--|------------|--|
| 13670 |  | -2<br>8/10 |  |
|-------|--|------------|--|

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| 13671 | 2/11 | -3<br>8/10 |  |
|-------|------|------------|--|

✓ P11P  
bxc 9/11

|       |  |            |  |
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| 13672 |  | -4<br>8/10 |  |
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| 13673 |  | -5<br>8/9 |  |
|-------|--|-----------|--|

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| 13674 | RU8303089 | 8/10 | 89 |
|-------|-----------|------|----|

bxc 9/11

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|-------|----------------|-----|-------|
| 13675 | C611A-26-1-3-1 | 8/2 | 10121 |
|-------|----------------|-----|-------|

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| 13676 |  | -2<br>8/1 |  |
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13677

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13678

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13681

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13682

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13683

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13684



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13685

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10131

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13687

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13694

C611A-29-4-2-1

10146

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13695

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13697

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C611A-30-2-1-1

10151

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13700

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13701

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13702

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13703

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13704

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13705

C611A-30-5-3-1

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10158

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13706

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13707

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13709

C611A-31-2-2-1

10162

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13710

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13712

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C611A-31-5-4-1

10169

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|       |                |    |     |       |          |
|-------|----------------|----|-----|-------|----------|
|       |                |    |     |       |          |
| Fd    | LBLE           |    | 8/1 | 13725 |          |
|       |                |    |     |       | b/c 9/11 |
| 10184 | C611A-36-3-3-1 |    | 8/2 | 13726 |          |
|       |                | -2 | 8/2 | 13727 |          |
|       |                | -3 | 8/3 | 13728 |          |
|       |                | -4 | 8/4 | 13729 | 9/11 ✓   |
|       |                | -5 | 8/1 | 13730 |          |
| 10185 | C611A-36-3-4-1 |    | 8/4 | 13731 |          |
|       |                | -2 | 8/6 | 13732 |          |

13733

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✓ P/P  
bx 9/11

|       |                |     |                    |
|-------|----------------|-----|--------------------|
| 10196 | C611A-37-5-5-1 | 8/4 | 13741              |
|       | -2             | 8/6 | 13742              |
|       | -3             | 8/4 | 13743              |
|       | -4             | 8/4 | 13744              |
|       | -5             | 8/4 | 13745              |
|       |                |     | 8/11 ✓<br>bix 9/11 |
| 0200  | C611A-39-5-4-1 | 8/6 | 13746              |
|       | -2             | 8/6 | 13747              |
|       | -3             | 8/5 | 13748              |



✓ 13749

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pip  
bx 9/11

13750

-5  
8/6

13751

SKBT

8/3

Fd

bx 9/11

13752

C611A-40-1-3-1

7/31

10204

13753

-2  
7/31

13754

-3  
7/30

✓ 13755

-4  
7/30

pip

13756

-5  
7/30

|       |                |      |       |
|-------|----------------|------|-------|
| 10209 | C611A-40-5-3-1 | 7/31 | 13757 |
|       | -2             | 7/31 | 13758 |
|       | -3             | 7/31 | 13759 |
|       | -4             | 7/31 | 13760 |
|       | -5             | 7/31 | 13761 |
|       |                |      | fig ✓ |
| 10214 | C611A-43-3-3-1 | 8/4  | 13762 |
|       | -2             | 8/6  | 13763 |
|       | -3             | 8/5  | 13764 |

13765

-4

8/6

bp  
bx 9/11

13766

-5

8/6

Plp

13767

C611A-43-4-4-1

8/6

10220

Plp

bx 9/11

13768

-2

8/6

13769

-3

8/6

13770

-4

8/8

13771

-5

8/5

13772

C611A-49-1-4-1

7/31

10241

$\pm 84/342$



-2

7/31

13773

-3

7/31

13774

-4

8/1

13775

-5

8/3

13776

P/H

b/c 9/11

Fd

NWRX

13777

b/c 9/11

C611A-49-2-1-1

10243

7/31

13778

-2

7/31

13779

-3

7/30

13780

P/H



13781

-4

7/31

13782

-5

8/1

13783

C611A-49-2-5-1

8/4

10247

13784

-2

7/31

13785

-3

7/31

13786

-4

7/30

13787

-5

7/31

13788

C611A-49-3-5-1

8/2

10252

|       |                |    |      |       |
|-------|----------------|----|------|-------|
|       |                | -2 | 8/1  | 13789 |
|       |                | -3 | 8/2  | 13790 |
|       |                | -4 | 8/1  | 13791 |
|       |                | -5 | 8/1  | 13792 |
| 10258 | C611A-49-4-5-1 |    | 7/30 | 13793 |
|       |                | -2 | 7/30 | 13794 |
|       |                | -3 | 7/30 | 13795 |
|       |                | -4 | 7/30 | 13796 |

13797

-5

7/30

✓ PIP

bk 9/11

13798

C611A-49-5-5-1

7/31

10263

13799

-2

8/1

13800

-3

8/2

✓ PIP

bk 9/11

13801

-4

7/31

13802

-5

7/31

13803

C611A-50-1-3-1

8/2

10266

✓ PIP

13804

-2

8/2



-3

8/2

13805

-4

8/1

13806

-5

8/2

13807

C611A-50-2-3-1

10271

84/850

8/1

13808

-2

8/1

13809

-3

7/31

13810

-4

8/1

13811

-5

8/1

13812



|       |                |     |       |
|-------|----------------|-----|-------|
| 13813 | C611A-50-5-5-1 | 8/2 | 10279 |
|-------|----------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 13814 | -2 | 8/2 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 13815 | -3 | 8/2 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 13816 | -4 | 8/1 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 13817 | -5 | 8/1 |  |
|-------|----|-----|--|

|       |                |     |       |
|-------|----------------|-----|-------|
| 13818 | C611A-52-1-5-1 | 8/5 | 10284 |
|-------|----------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 13819 | -2 | 8/6 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 13820 | -3 | 8/5 |  |
|-------|----|-----|--|

-4

8/5

13821

-5

13822

TBNT

Stg

8/6

13823

bk 9/11

C611A-52-3-5-1

10289

84/851

8/5

13824

-2

8/4

13825

-3

8/6

13826

-4

8/5

13827

8/6 ✓

bk 9/11

-5

8/4

13828

13829

C611A-54-1-1-1

7/30

10290

13830

-2

7/30

13831

-3

7/30

13832

-4

7/30

13833

-5

7/30

13834

C611A-54-4-3-1

8/4

10297

13835

-2

8/4

13836

-3

8/4



-4

814

13837

PIP ✓

-5

814

13838

C611A-56-5-3-1

10302

816

13839

-2

817

13840

PIP ✓

-3

815

13841

-4

816

13842

-5

816

13843

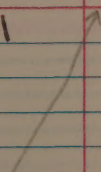
C611A-58-1-4-1

10308

84/852

814

13844





13845

-2

8/4

13846

pip

9/11

-3

8/5

13847

Rosemont

-4

8/4

13848

-5

8/4

13849

C611A-58-2-2-1

8/1

10311

± 84 | 341

13850

-2

8/1

13851

-3

8/3

13852

-4

8/2

✓ pip

bx 9/11

-5

8/1

13853

C611A-58-5-4-1

10318

7/31

13854

-2

7/31

13855

-3

8/1

13856

-4

8/3

13857

P/P ✓

-5

8/1

13858

LEAH

Cro

8/11

13859

b/c 9/11

C611A-BK<sub>6</sub>-1

19602-49

8/9

13860

P/P ✓

C611A - Bx<sub>6</sub> - 2

13861

8/9

19602-49

13862

-3

8/8

13863

-4

8/4

13864

-5

8/4

13865

-6

8/5

rip

bx 9/11

13866

-7

8/10

13867

-8

8/8

13868

-9

8/8

rip

bx 9/11



|         |                           |      |       |                  |
|---------|---------------------------|------|-------|------------------|
| 1602-49 | C611A-Bk <sub>6</sub> -10 | 8/8  | 13869 | P18 ✓<br>bk 9/11 |
|         | -11                       | 8/13 | 13870 |                  |
|         | -12                       | 8/11 | 13871 |                  |
|         | -13                       | 8/11 | 13872 |                  |
|         | -14                       | 8/10 | 13873 | ✓<br>bk 9/11     |
|         | -15                       | 8/12 | 13874 |                  |
|         | -16                       | 8/10 | 13875 |                  |
|         | -17                       | 8/7  | 13876 |                  |



|                     |                           |      |          |
|---------------------|---------------------------|------|----------|
| 13877               | C611A-BK <sub>6</sub> -18 | 8/10 | 19602-49 |
| 13878               | -19                       |      |          |
| 13879               | -20                       | 8/9  |          |
| 13880               | -21                       | 8/8  |          |
| 13881               | -22                       | 8/9  |          |
| 13882               | -23                       | 8/7  |          |
| ✓<br>p/p<br>br 9/11 | -24                       | 8/11 |          |
| 13883               | -25                       | 8/9  |          |
| ✓<br>p/p            |                           |      |          |

|         |                 |      |                      |
|---------|-----------------|------|----------------------|
| 9602-49 | C611A - Bk - 26 | 8/6  | 13885                |
|         |                 |      | ✓<br>P/P             |
|         | -27             | 8/11 | 13886                |
|         |                 |      |                      |
|         | -28             | 8/8  | 13887                |
|         |                 |      |                      |
|         | -29             | 8/8  | 13888                |
|         | better          |      | ✓<br>P/P<br>bks 9/11 |
|         | -30             | 8/12 | 13889                |
|         |                 |      | ✓<br>P/P             |
|         | -31             | 8/5  | 13890                |
|         |                 |      |                      |
|         | -32             | 8/4  | 13891                |
|         |                 |      |                      |
|         | -33             | 8/3  | 13892                |

|       |              |      |          |  |
|-------|--------------|------|----------|--|
|       |              |      |          |  |
| 13893 | C611A-B-6-34 | 8/6  | 19602-49 |  |
|       |              |      |          |  |
| 13894 | -35          | 8/9  |          |  |
| ✓ P/P |              |      |          |  |
| 13895 | -36          | 8/13 |          |  |
|       |              |      |          |  |
| 13896 | -37          | 8/7  |          |  |
|       |              |      |          |  |
| 13897 | -38          | 8/6  |          |  |
|       |              |      |          |  |
| 13898 | -39          | 8/5  |          |  |
| ✓ P/P |              |      |          |  |
| 13899 | -40          | 8/5  |          |  |
|       |              |      |          |  |
| 13900 | -41          | 8/12 |          |  |
| ✓ P/P |              |      |          |  |

|                              |      |       |
|------------------------------|------|-------|
| C611A - Bx <sub>6</sub> - 42 | 111  | 13901 |
| 19602-49                     | 8/2  |       |
| -43                          | 8/4  | 13902 |
| -44                          | 8/1  | 13903 |
| -45                          | 8/2  | 13904 |
| -46                          | 8/6  | 13905 |
| -47                          | 8/1  | 13906 |
| -48                          | 8/10 | 13907 |
| -49                          | 8/2  | 13908 |



|       |             |     |          |
|-------|-------------|-----|----------|
| 13909 | CG11A-BK-50 | 8/7 | 19602-49 |
|-------|-------------|-----|----------|

|       |     |     |
|-------|-----|-----|
| 13910 | -51 | 8/7 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 13911 | -52 | 8/6 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 13912 | -53 | 8/7 |
|-------|-----|-----|

✓ P/P  
bk 9/11

|       |     |     |
|-------|-----|-----|
| 13913 | -54 | 8/9 |
|-------|-----|-----|

✓ P/P

|       |     |     |
|-------|-----|-----|
| 13914 | -55 | 8/6 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 13915 | -56 | 8/6 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 13916 | -57 | 8/5 |
|-------|-----|-----|

✓ P/P  
bk 9/11

|          |                           |     |                          |
|----------|---------------------------|-----|--------------------------|
| 19602-49 | C611A-BK <sub>6</sub> -58 | 8/8 | 13917                    |
|          | -59                       | 8/4 | 13918<br>P/p             |
|          | -60                       | 8/2 | 13919<br>P/p<br>bik 9/11 |
|          | -61                       | 8/3 | 13920                    |
|          | -62                       | 8/4 | 13921<br>P/p             |
|          | -63                       | 8/4 | 13922                    |
|          | -64                       | 8/8 | 13923                    |
|          | -65                       | 8/6 | 13924                    |

|       |              |      |          |
|-------|--------------|------|----------|
| 13925 | Toro-2       | 8/9  | Cro      |
|       | bkr 9/11     |      |          |
| 13926 | C611A-BK6-66 | 8/8  | 19602-49 |
| 13927 | -67          | 8/2  |          |
|       | VHP          |      |          |
| 13928 | -68          | 8/5  |          |
| 13929 | -69          | 8/9  |          |
| 13930 | -70          | 8/5  |          |
| 13931 | -71          | 8/10 |          |
| 13932 | -72          | 8/4  |          |

|          |                          |      |       |
|----------|--------------------------|------|-------|
| 19602-49 | C611A-B <del>6</del> -73 | 8/11 | 13933 |
|          | -74                      | 8/7  | 13934 |
|          | -75                      | 8/6  | 13935 |
|          | -76                      | 8/3  | 13936 |
|          | -77                      | 8/4  | 13937 |
|          | -78                      | 8/2  | 13938 |
|          | -79                      | 8/5  | 13939 |
|          | -80                      | 8/8  | 13940 |

P/P ✓

late 9/11



|          |                           |      |          |  |
|----------|---------------------------|------|----------|--|
|          | C611A-Bx <sub>L</sub> -81 |      |          |  |
| 13941    |                           | 8/6  | 19602-49 |  |
| ✓ P/P    |                           |      |          |  |
|          | -82                       |      |          |  |
| 13942    |                           | 8/6  |          |  |
| ✓ P/P    |                           |      |          |  |
| bic 9/11 |                           |      |          |  |
|          | -83                       |      |          |  |
| 13943    |                           | 8/4  |          |  |
|          |                           |      |          |  |
|          | -84                       |      |          |  |
| 13944    |                           | 8/4  |          |  |
|          |                           |      |          |  |
|          | -85                       |      |          |  |
| 13945    |                           | 8/7  |          |  |
| ✓ P/P    |                           |      |          |  |
|          | -86                       |      |          |  |
| 13946    |                           | 8/5  |          |  |
| ✓ P/P    |                           |      |          |  |
| bic 9/11 |                           |      |          |  |
|          | -87                       |      |          |  |
| 13947    |                           | 8/11 |          |  |
|          |                           |      |          |  |
|          | -88                       |      |          |  |
| 13948    |                           | 8/12 |          |  |

|          |                           |      |       |                  |
|----------|---------------------------|------|-------|------------------|
| 19602-49 | C611A-BK <sub>6</sub> -89 | 8/10 | 13949 | PIP<br>bk 9/11   |
| 82/2161  | CI 9881                   | 8/12 | 13950 | bk 9/11          |
| 19602-49 | C611A-BK <sub>6</sub> -90 | 8/6  | 13951 | PIP ✓<br>bk 9/11 |
|          | -91                       | 8/5  | 13952 |                  |
|          | -92                       | 8/6  | 13953 |                  |
|          | -93                       | 8/11 | 13954 |                  |
|          | -94                       | 8/11 | 13955 |                  |
|          | -95                       | 8/6  | 13956 | PIP ✓            |

|         |              |      |          |
|---------|--------------|------|----------|
| 13957   | C611A-BK6-96 | 8/8  | 19602-49 |
| ✓ PIP   |              |      |          |
| BK 9/11 |              |      |          |
| 13958   | -97          | 8/8  |          |
|         |              |      |          |
| 13959   | -98          |      |          |
|         |              |      |          |
| 13960   | -99          | 8/9  |          |
| ✓ PIP   |              |      |          |
| 13961   | -100         | 8/6  |          |
|         |              |      |          |
| 13962   | -101         | 8/11 |          |
| ✓ PIP   |              |      |          |
| 13963   | -102         | 8/5  |          |
|         |              |      |          |
| 13964   | -103         |      |          |

|          |              |      |       |                 |
|----------|--------------|------|-------|-----------------|
| 19602-49 | C611A-By-104 | 8/4  | 13965 | PIP ✓           |
|          | -105         | 8/5  | 13966 | PIP ✓           |
|          | -106         | 8/6  | 13967 |                 |
|          | -107         | 8/7  | 13968 | PIP<br>loc 9/11 |
|          | -108         | 8/6  | 13969 |                 |
|          | -109         | 8/12 | 13970 |                 |
|          | -110         | 8/9  | 13971 | PIP ✓           |
|          | -111         | 8/10 | 13972 |                 |



13973

C611A-BK-112

8/6

19602-49

13974

-113

8/9

13975

DLLA

8021

bx 9/11

13976

C611A-BK-114

8/10

19602-49

13977

-115

8/9

13978

-116

8/10

13979

-117

8/6

13980

-118

8/6

|              |      |         |
|--------------|------|---------|
| CG11A-BK-119 |      |         |
| 19602-49     | 8/10 | 13981   |
| -120         | 8/11 | 13982   |
| -121         | 8/10 | 13983   |
|              |      | pip ✓   |
| -122         | 8/10 | 13984   |
| -123         | 8/12 | 13985   |
| -124         | 8/9  | 13986   |
| very good    |      | pip ✓   |
|              |      | bx 9/11 |
| -125         | 8/11 | 13987   |
| -126         | 8/12 | 13988   |

|       |               |      |          |
|-------|---------------|------|----------|
| 13989 | C611A-Bkg-127 | 8/13 | 19602-49 |
|-------|---------------|------|----------|

|       |      |  |  |
|-------|------|--|--|
| 13990 | -128 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 13991 | -129 | 8/12 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 13992 | -130 | 8/5 |  |
|-------|------|-----|--|

|       |      |     |  |
|-------|------|-----|--|
| 13993 | -131 | 8/8 |  |
|-------|------|-----|--|

|       |      |     |  |
|-------|------|-----|--|
| 13994 | -132 | 8/6 |  |
|-------|------|-----|--|

✓ PIP  
b/c 9/11

|       |      |     |  |
|-------|------|-----|--|
| 13995 | -133 | 8/8 |  |
|-------|------|-----|--|

✓ PIP

|       |      |     |  |
|-------|------|-----|--|
| 13996 | -134 | 8/3 |  |
|-------|------|-----|--|

CG11A-BK<sub>6</sub>-135

19602-49

8/7

13997

-136

8/6

13998

-137

13999

-138

8/6

14000

P/P

KK 9/11





C623A = SKBT/1402003

C634A = LBLE/1802003

C614A = 9881/331581//1802003

C611A = 9881/331581//L-201







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

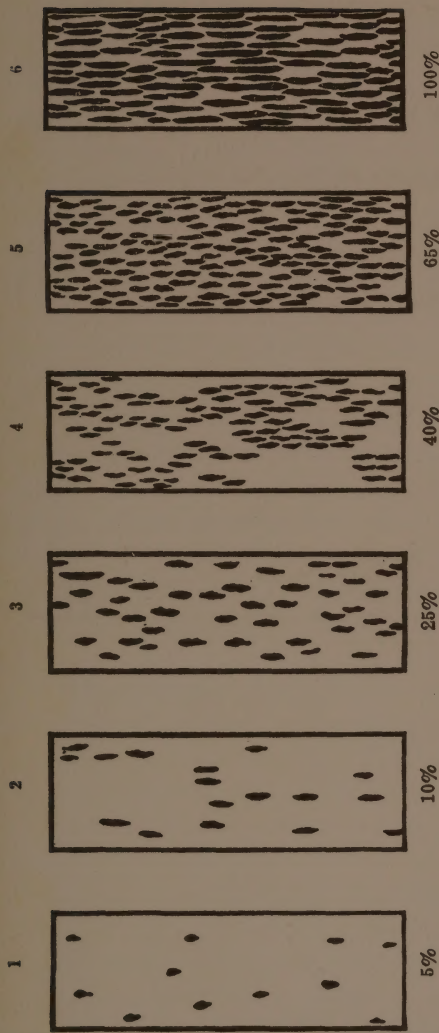


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

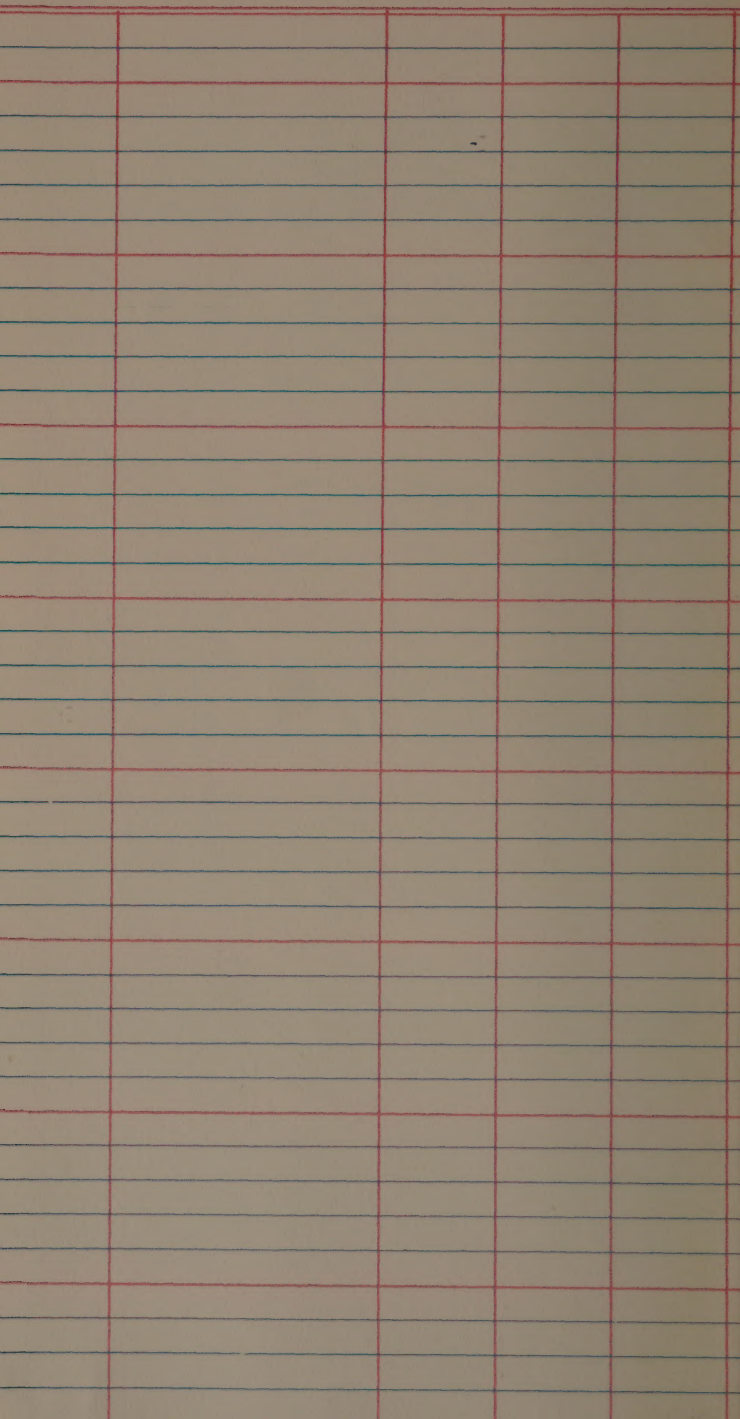
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

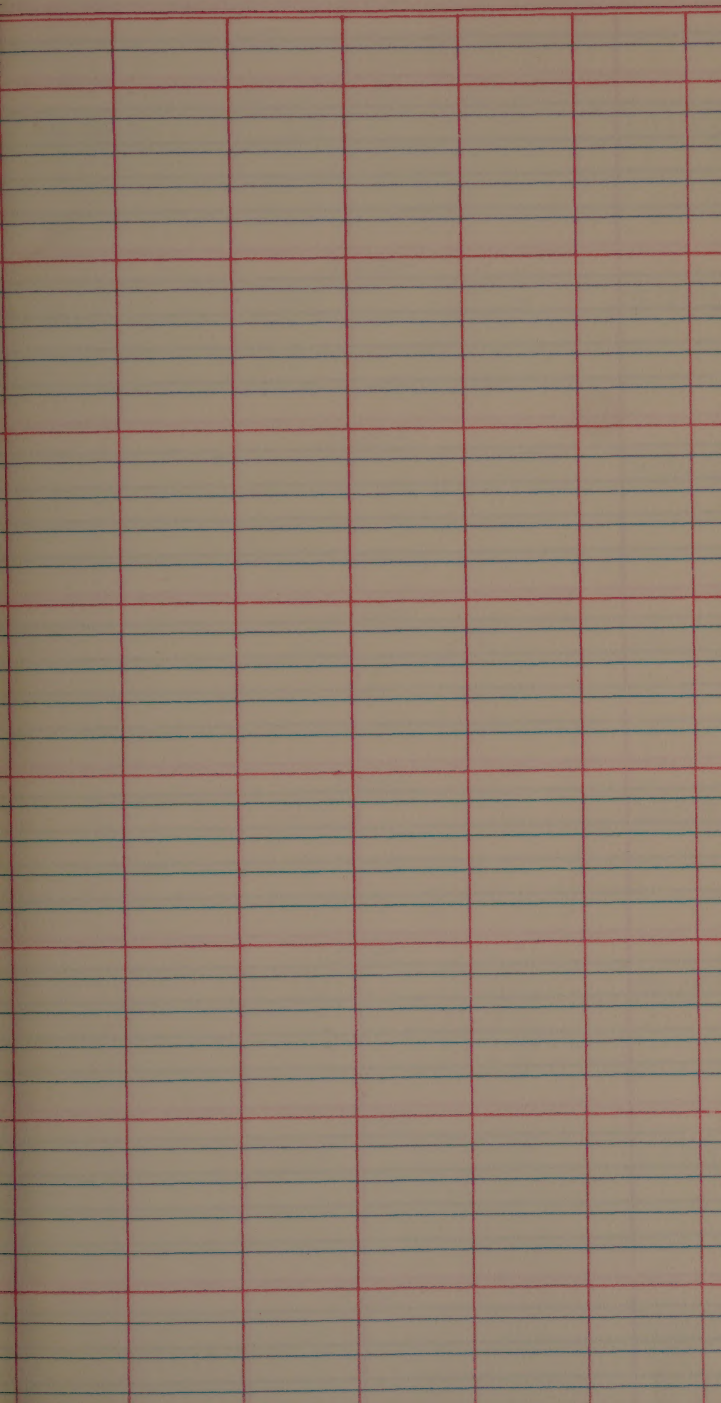
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

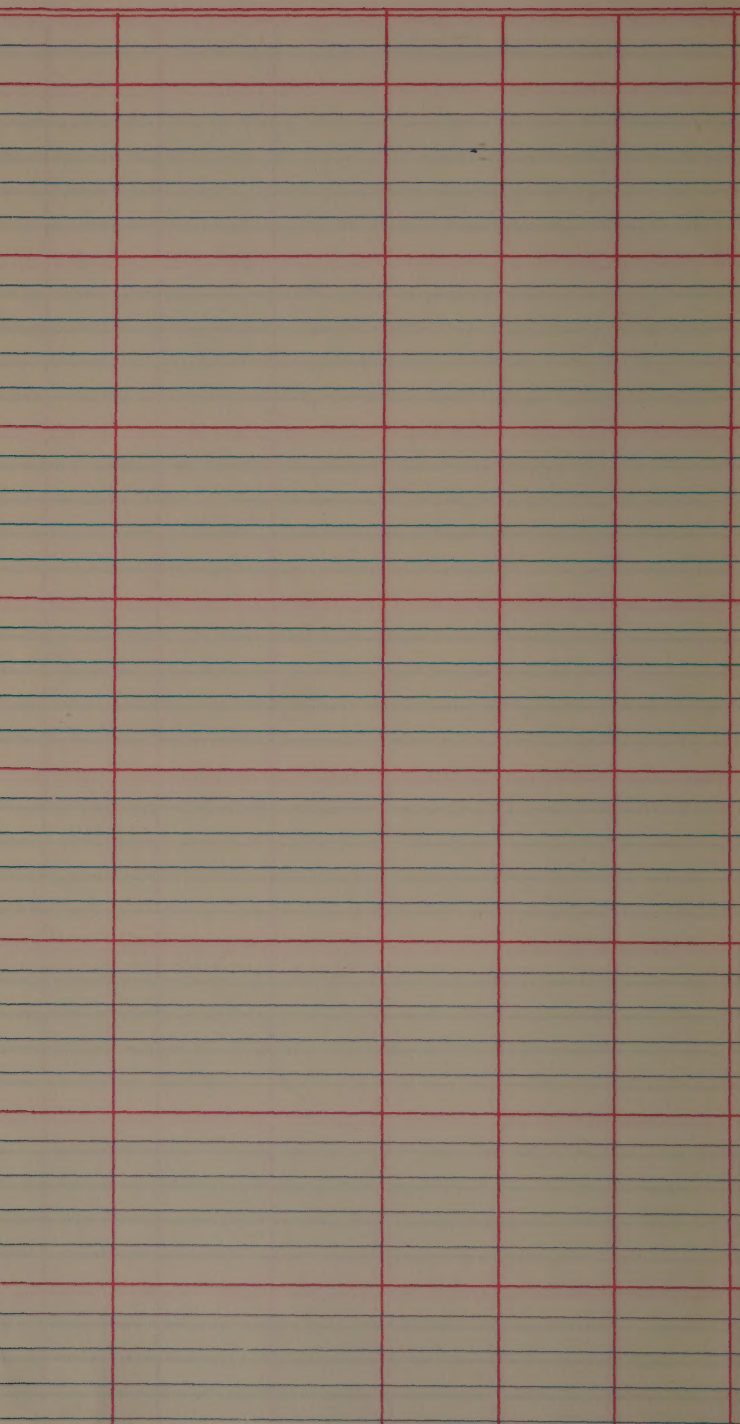


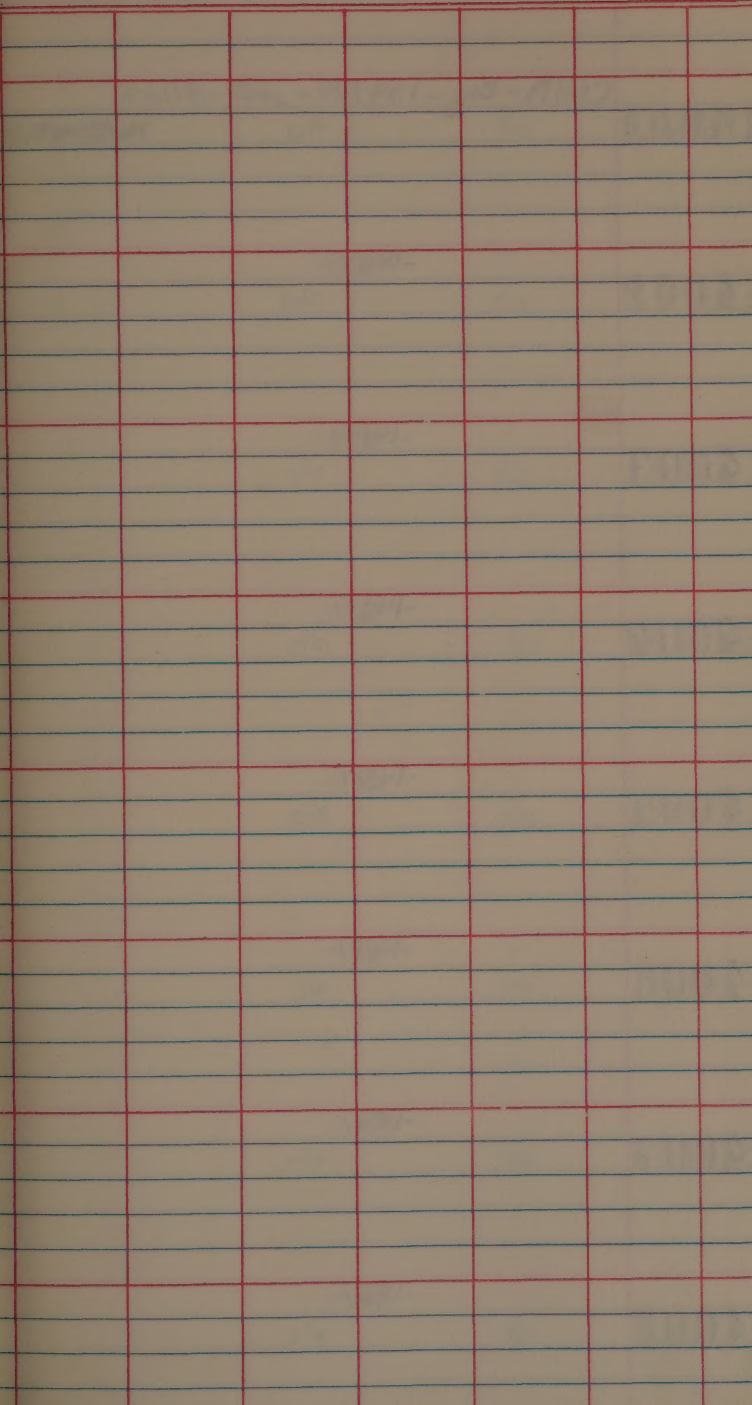














Seeded 5/15/84

S-5, 12 W

|       |                               |      |   |          |
|-------|-------------------------------|------|---|----------|
|       |                               |      |   |          |
| 14001 | C611A - Bk <sub>6</sub> - 139 | 7/31 | - | 19602-49 |
| 14002 | -140                          | 7/31 |   |          |
| 14003 | -141                          | 8/2  |   |          |
| 14004 | -142                          | 8/3  |   |          |
| 14005 | -143                          | 8/8  |   |          |
| 14006 | -144                          | 8/2  |   |          |
| 14007 | -145                          | 8/3  |   |          |
| 14008 | -146                          | 8/2  |   |          |

|         |                            |      |       |
|---------|----------------------------|------|-------|
| 1602-49 | С611А-Вк <sub>6</sub> -147 | 7/31 | 14009 |
|         | -148                       | 7/31 | 14010 |
|         | -149                       | 8/2  | 14011 |
|         | -150                       | 8/2  | 14012 |
|         | -151                       | 7/31 | 14013 |
|         | -152                       | 8/1  | 14014 |
|         | -153                       | 8/6  | 14015 |
|         | -154                       | 8/6  | 14016 |

|      |               |     |          |
|------|---------------|-----|----------|
| 4017 | CG11A-BK6-155 | 8/2 | 19602-49 |
|------|---------------|-----|----------|

|      |      |     |
|------|------|-----|
| 4018 | -156 | 8/4 |
|------|------|-----|

|      |      |     |
|------|------|-----|
| 4019 | -157 | 8/1 |
|------|------|-----|

|      |      |     |
|------|------|-----|
| 4020 | -158 | 8/2 |
|------|------|-----|

|      |      |      |
|------|------|------|
| 4021 | -159 | 7/30 |
|------|------|------|

|      |      |     |
|------|------|-----|
| 4022 | -160 | 8/5 |
|------|------|-----|

|      |      |     |
|------|------|-----|
| 4023 | -161 | 8/6 |
|------|------|-----|

|      |      |     |
|------|------|-----|
| 4024 | -162 | 8/1 |
|------|------|-----|

|          |               |  |      |       |
|----------|---------------|--|------|-------|
| 1235     | CB-801        |  |      | 14025 |
| 14602-49 | CG11A-BK6-163 |  | 7/31 | 14026 |
|          | -164          |  | 8/3  | 14027 |
|          | -165          |  | 7/31 | 14028 |
|          | -166          |  | 7/31 | 14029 |
|          | -167          |  | 8/3  | 14030 |
|          | -168          |  | 8/2  | 14031 |
|          | -169          |  | 8/9  | 14032 |



|       |             |      |         |  |
|-------|-------------|------|---------|--|
|       |             |      |         |  |
| 14033 | CLIA-BK-170 | 8/2- | 1962-49 |  |
| ✓ pip |             |      |         |  |
| 14034 | -171        | 8/3  |         |  |
| 14035 | -172        | 7/31 |         |  |
| 14036 | -173        | 8/3  |         |  |
| ✓ pip |             |      |         |  |
| 14037 | -174        | 8/10 |         |  |
| 14038 | -175        | 8/7  |         |  |
| 14039 | -176        | 7/31 |         |  |
| ✓ pip |             |      |         |  |
| 14040 | -177        | 8/2  |         |  |
| ✓ pip |             |      |         |  |

|        |                            |      |               |
|--------|----------------------------|------|---------------|
| 602-49 | C611A-Bk <sub>6</sub> -178 | 8/2  | 14041         |
|        | -179                       | 8/2  | 14042         |
|        | -180                       | 8/5  | 14043         |
|        | -181                       | 8/5  | 14044 ✓<br>np |
|        | -182                       | 7/31 | 14045         |
|        | -183                       | 8/2  | 14046         |
|        | -184                       | 8/6  | 14047         |
|        | -185                       | 8/7  | 14048         |

|       |                            |      |          |  |
|-------|----------------------------|------|----------|--|
|       |                            |      |          |  |
| 14049 | C611A-BK <sub>6</sub> -186 | 8/2  | 19602-49 |  |
| 14050 | LMNT                       | 8/12 | Fd       |  |
| 14051 | C611A-BK <sub>6</sub> -187 | 8/1  |          |  |
| 14052 | -188                       | 8/1  |          |  |
| 14053 | -189                       | 8/1  |          |  |
| 14054 | -190                       | 8/4  |          |  |
| 14055 | -191                       | 8/4  |          |  |
| 14056 | -192                       | 8/4  |          |  |

|         |                           |     |                  |
|---------|---------------------------|-----|------------------|
| 9602-49 | CGIA-BK <sub>6</sub> -193 | 8/9 | 14057            |
|         | -194                      | 8/3 | 14058            |
|         | -195                      | 8/1 | 14059<br>✓<br>VP |
|         | -196                      | 8/3 | 14060<br>✓<br>VP |
|         | -197                      | 8/8 | 14061            |
|         | -198                      | 8/2 | 14062<br>✓<br>VP |
|         | -199                      | 8/4 | 14063            |
|         | -200                      | 8/2 | 14064            |



|       |               |   |     |          |
|-------|---------------|---|-----|----------|
|       |               |   |     |          |
| 14065 | C611A-Bx6-201 | - | 8/6 | 19602-49 |
| 14066 | -202          |   | 8/1 |          |
| 14067 | -203          |   | 8/1 |          |
| 14068 | -204          |   | 8/3 |          |
| 14069 | -205          |   | 8/1 |          |
| 14070 | -206          |   | 8/9 |          |
| 14071 | -207          |   | 8/6 |          |
| 14072 | -208          |   | 8/1 |          |

|         |               |      |       |
|---------|---------------|------|-------|
| 1602-49 | C611A-BK6-209 | 8/6  | 14073 |
|         | -210          | 8/10 | 14074 |
| Fd      | BLMT          | 8/9  | 14075 |
| 1602-49 | C611A-BK6-211 | 8/11 | 14076 |
|         | -212          | 8/2  | 14077 |
|         | -213          | 8/5  | 14078 |
|         | -214          | 8/5  | 14079 |
|         | -215          | 8/6  | 14080 |

|        |                            |     |         |
|--------|----------------------------|-----|---------|
| 114081 | C611A-BK <sub>6</sub> -216 | 8/9 | 19602-4 |
|--------|----------------------------|-----|---------|

|        |      |     |
|--------|------|-----|
| 114082 | -217 | 8/2 |
|--------|------|-----|

|        |      |     |
|--------|------|-----|
| 114083 | -218 | 8/5 |
|--------|------|-----|

|        |      |     |
|--------|------|-----|
| 114084 | -219 | 8/8 |
|--------|------|-----|

|        |      |     |
|--------|------|-----|
| 114085 | -220 | 8/9 |
|--------|------|-----|

|        |      |     |
|--------|------|-----|
| 114086 | -221 | 8/6 |
|--------|------|-----|

|        |      |     |
|--------|------|-----|
| 114087 | -222 | 8/4 |
|--------|------|-----|

|        |      |     |
|--------|------|-----|
| 114088 | -223 | 8/4 |
|--------|------|-----|

|        |                     |     |       |          |
|--------|---------------------|-----|-------|----------|
| 602-49 | C611A - Box 6 - 224 | 8/4 | 14089 | ✓<br>P/P |
|        | -225                | 8/6 | 14090 |          |
|        | -226                | 8/5 | 14091 | ✓<br>P/P |
|        | -227                | 8/3 | 14092 |          |
|        | -228                | 8/6 | 14093 |          |
|        | -229                | 8/1 | 14094 |          |
|        | -230                | 8/3 | 14095 |          |
|        | -231                | 2/1 | 14096 |          |



|        |                     |      |          |
|--------|---------------------|------|----------|
| 114097 | CG11A - Box 6 - 232 | 8/3  | 19602-49 |
| 114098 | -233                | 8/3  |          |
| 114099 | -234                | 8/3  |          |
| 114100 | -235                | 7/31 |          |
| 114101 | -236                | 8/6  |          |
| 114102 | -237                | 7/31 |          |
| 114103 | -238                | 8/2  |          |
| 114104 | -239                | 8/1  |          |

602-49

C611A - Bic<sub>6</sub> - 240

7/31

14105

P/P ✓

-241

7/31

14106

-242

7/31

14107

-243

7/31

14108

-244

7/31

14109

-245

8/6

14110

-246

8/2

14111

P/P ✓

-247

7/31

14112

|       |                            |   |      |          |
|-------|----------------------------|---|------|----------|
|       |                            |   |      |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14113 | C611A-BK <sub>6</sub> -248 | - | 8/3  | 19602-49 |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14114 | -249                       |   | 8/6  |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14115 | -250                       |   | 8/6  |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14116 | -251                       |   | 7/31 |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14117 | -252                       |   | 8/6  |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14118 | -253                       |   | 8/1  |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14119 | -254                       |   | 8/5  |          |
|       |                            |   |      |          |
|       |                            |   |      |          |
| 14120 | -255                       |   | 8/6  |          |

|          |                            |      |       |
|----------|----------------------------|------|-------|
| 19602-49 | C611A-Bx <sub>6</sub> -256 | 7/30 | 14121 |
|          | -257                       | 8/3  | 14122 |
|          | -258                       | 8/4  | 14123 |
|          | -259                       | 8/2  | 14124 |
| 89       | R08303089                  | 8/3  | 14125 |
| 19602-49 | C611A-Bx <sub>6</sub> -260 | 7/31 | 14126 |
|          | -261                       | 7/31 | 14127 |
|          | -262                       | 8/2  | 14128 |



C611A-15K<sub>6</sub>-263

14129

8/3

19602-49

14130

-264

7/31

14131

-265

8/2

14132

-266

8/4

14133

-267

8/3

14134

-268

7/30

14135

-269

7/31

14136

-270

8/6

|         |                            |      |                   |
|---------|----------------------------|------|-------------------|
| 9602-49 | CG11A-BK <sub>6</sub> -271 | 8/11 | 14137             |
|         | -272                       | 7/31 | 14138             |
|         | -273                       | 8/5  | 14139             |
|         | -274                       | 8/11 | 14140<br>✓<br>P/P |
|         | -275                       | 8/2  | 14141<br>✓<br>P/P |
|         | -276                       | 8/3  | 14142             |
|         | -277                       | 8/3  | 14143             |
|         | -278                       | 8/6  | 14144             |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 14145 | C611A-BK <sub>6</sub> -279 | 8/10 | 19602-49 |
|-------|----------------------------|------|----------|

|       |      |     |  |
|-------|------|-----|--|
| 14146 | -280 | 8/2 |  |
|-------|------|-----|--|

|       |      |      |  |
|-------|------|------|--|
| 14147 | -281 | 7/31 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 14148 | -282 | 8/6 |  |
|-------|------|-----|--|

✓ PIP

|       |      |     |  |
|-------|------|-----|--|
| 14149 | -283 | 8/1 |  |
|-------|------|-----|--|

|       |           |     |    |
|-------|-----------|-----|----|
| 14150 | RU8303046 | 8/6 | 46 |
|-------|-----------|-----|----|

|       |                            |     |          |
|-------|----------------------------|-----|----------|
| 14151 | C611A-BK <sub>6</sub> -284 | 8/7 | 19602-49 |
|-------|----------------------------|-----|----------|

✓ PIP

|       |      |     |  |
|-------|------|-----|--|
| 14152 | -285 | 8/6 |  |
|-------|------|-----|--|

|         |               |      |                   |
|---------|---------------|------|-------------------|
| 9602-49 | C611A-BK6-286 | 8/6  | 14153             |
|         | -287          | 8/4  | 14154<br>✓<br>PIP |
|         | -288          | 8/5  | 14155             |
|         | -289          | 8/3  | 14156<br>✓<br>PIP |
|         | -290          | 8/4  | 14157             |
|         | -291          | 7/31 | 14158             |
|         | -292          | 7/31 | 14159<br>✓<br>PIP |
|         | -293          | 8/3  | 14160             |



|       |               |     |          |
|-------|---------------|-----|----------|
| 14161 | CG11A-BK6-294 | 8/4 | 19602-49 |
|-------|---------------|-----|----------|

|       |      |     |
|-------|------|-----|
| 14162 | -295 | 8/3 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 14163 | -296 | 8/2 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 14164 | -297 | 8/3 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 14165 | -298 | 8/2 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 14166 | -299 | 8/6 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 14167 | -300 | 8/7 |
|-------|------|-----|

|       |      |      |
|-------|------|------|
| 14168 | -301 | 7/31 |
|-------|------|------|

|         |                            |      |                   |
|---------|----------------------------|------|-------------------|
| 9602-49 | C611A-BK <sub>6</sub> -302 | 8/8  | 14169             |
|         | -303                       | 8/4  | 14170             |
|         | -304                       | 8/4  | 14171<br>✓<br>8/p |
|         | -305                       | 8/5  | 14172             |
|         | -306                       | 8/1  | 14173             |
|         | -307                       | 7/31 | 14174<br>✓<br>8/p |
| 13      | L-201                      | 7/31 | 14175             |
| 602-49  | C611A-BK <sub>6</sub> -308 | 8/6  | 14176             |

C611A-Bk<sub>6</sub>-309

14177

8/3

19602-49

-310

14178

8/3

✓ PIP

-311

14179

8/4

-312

14180

8/5

-313

14181

8/1

✓ PIP

-314

14182

8/2

-315

14183

8/3

✓ PR

-316

14184

8/6

|         |                            |     |       |
|---------|----------------------------|-----|-------|
| 9602-49 | C611A-B* <sub>6</sub> -317 | 8/6 | 14185 |
|         | -318                       | 8/5 | 14186 |
|         | -319                       | 8/3 | 14187 |
|         | -320                       | 8/2 | 14188 |
|         | -321                       | 8/1 | 14189 |
|         | -322                       | 8/4 | 14190 |
|         | -323                       | 8/3 | 14191 |
|         | -324                       | 8/3 | 14192 |



|       |               |      |          |  |
|-------|---------------|------|----------|--|
|       |               |      |          |  |
| 14193 | C611A-BK6-325 | 7/30 | 19602-49 |  |
| 14194 | -326          | 8/4  |          |  |
| ✓ PIP |               |      |          |  |
| 14195 | -327          | 8/4  |          |  |
| 14196 | -328          | 8/1  |          |  |
| ✓ PIP |               |      |          |  |
| 14197 | -329          | 8/3  |          |  |
| 14198 | -330          | 8/5  |          |  |
| 14199 | -331          | 8/4  |          |  |
| 14200 | -332          | 8/1  |          |  |

|         |                            |      |       |
|---------|----------------------------|------|-------|
| 0202-49 | B8136A6-BK <sub>2</sub> -1 | 8/14 | 14201 |
|         | LBNT/315650//BLMT          |      |       |
|         | -2                         | 8/9  | 14202 |
|         | -3                         | 8/5  | 14203 |
|         |                            |      | Pip ✓ |
|         | -4                         | 8/3  | 14204 |
|         | -5                         | 8/13 | 14205 |
|         | -6                         | 8/3  | 14206 |
|         | -7                         | 8/11 | 14207 |
|         | -8                         | 8/3  | 14208 |

B8136A6 - Bk<sub>2</sub> - 9

14209

8/3

20202-49

-10

14210

8/3

✓  
PR

-11

14211

8/8

-12

14212

8/11

-13

14213

8/2

-14

14214

8/3

-15

14215

7/31

✓  
PR

-16

14216

8/2

✓  
PR

|         |                             |      |                |
|---------|-----------------------------|------|----------------|
| 0202-49 | BS136A6-BK <sub>2</sub> -17 | 8/8  | 14217          |
|         | -18                         | 8/11 | 14218          |
|         | -19                         | 8/9  | 14219          |
|         | -20                         | 8/2  | 14220          |
|         | -21                         | 8/4  | 14221<br>p/p ✓ |
|         | -22                         |      | 14222          |
|         | -23                         | 8/3  | 14223          |
|         | -24                         | 8/3  | 14224<br>8/8 ✓ |



LBNT

14225

8/5

Fd

B8136A6 - Bk<sub>2</sub> - 25

14226

8/4

20202-4

✓

PIR

14227

-26

8/3

✓

PIR

14228

-27

8/4

14229

-28

8/4

14230

-29

14231

-30

8/3

14232

-31

8/5

✓ PIR

|        |                             |      |               |
|--------|-----------------------------|------|---------------|
| 202-49 | B8136A6-Bx <sub>2</sub> -32 | 8/8  | 14233         |
|        | -33                         | 8/2  | 14234<br>Pp ✓ |
|        | -34                         | 8/3  | 14235         |
|        | -35                         | 8/11 | 14236         |
|        | -36                         | 8/3  | 14237         |
|        | -37                         | 8/3  | 14238<br>Pp ✓ |
|        | -38                         |      | 14239         |
|        | -39                         | 8/8  | 14240         |

B5136A6-BK<sub>2</sub>-40

14241

20202-4

14242

-41

8/2

✓  
Plp

14243

-42

8/2

✓  
Plp

14244

-43

8/2

✓  
Plp

14245

-44

8/6

14246

-45

7/31

✓  
Plp

14247

-46

8/11

14248

-47

8/6

✓  
Plp

|          |                             |      |       |     |
|----------|-----------------------------|------|-------|-----|
| 20202-49 | B8136A6-Bk <sub>2</sub> -48 |      | 14240 | P/P |
| 82/2110  | PI 315650                   | 9/17 | 14250 |     |
| 20202-49 | B8136A6-Bk <sub>2</sub> -49 | 8/13 | 14251 |     |
|          | -50                         |      | 14252 | P/P |
|          | -51                         | 8/5  | 14253 | P/P |
|          | -52                         | 8/3  | 14254 | P/P |
|          | -53                         | 8/3  | 14255 | P/P |
|          | -54                         | 8/7  | 14256 |     |



B8136A6 - B8136A6 - Bk<sub>2</sub> - 55

14257

8/6

20202-49

14258

-56

8/7

14259

-57

8/11

14260

-58

8/8

14261

-59

8/5

✓  
8/8

14262

-60

8/9

14263

-61

8/4

14264

-62

8/9

B8136AG-BK<sub>2</sub>-63

20202-49

8/10

14265

P/P ✓

-64

8/6

14266

-65

8/12

14267

-66

8/7

14268

-67

8/9

14269

P/P ✓

-68

8/9

14270

-69

8/6

14271

P/P ✓

-70

8/8

14272

P/P ✓

|       |                                |      |          |
|-------|--------------------------------|------|----------|
| 14273 | B8136A6 - Bk <sub>2</sub> - T1 | 8/13 | 20202-49 |
|-------|--------------------------------|------|----------|

|       |     |     |  |
|-------|-----|-----|--|
| 14274 | -72 | 8/6 |  |
|-------|-----|-----|--|

✓ PIP

|       |      |      |    |
|-------|------|------|----|
| 14275 | BLMT | 8/10 | Fd |
|-------|------|------|----|

|       |                                |      |  |
|-------|--------------------------------|------|--|
| 14276 | B8136A6 - Bk <sub>2</sub> - T3 | 8/10 |  |
|-------|--------------------------------|------|--|

✓ PIP

|       |     |     |  |
|-------|-----|-----|--|
| 14277 | -74 | 8/3 |  |
|-------|-----|-----|--|

✓ PIP

|       |     |      |  |
|-------|-----|------|--|
| 14278 | -75 | 8/10 |  |
|-------|-----|------|--|

|       |     |  |  |
|-------|-----|--|--|
| 14279 | -76 |  |  |
|-------|-----|--|--|

|       |     |     |  |
|-------|-----|-----|--|
| 14280 | -77 | 8/4 |  |
|-------|-----|-----|--|

✓ PIP

|         |                             |      |                |
|---------|-----------------------------|------|----------------|
| 0202-49 | 38136A6-Bk <sub>2</sub> -18 | 8/9  | 14281          |
|         | -79                         | 8/9  | 14282<br>P/P ✓ |
|         | -80                         | 8/10 | 14283<br>P/P ✓ |
|         | -81                         | 8/6  | 14284<br>P/P ✓ |
|         | -82                         | 8/8  | 14285          |
|         | -83                         | 8/6  | 14286          |
|         | -84                         | 8/10 | 14287          |
|         | -85                         | 7/31 | 14288<br>P/P ✓ |



|       |                             |   |     |          |
|-------|-----------------------------|---|-----|----------|
| 14289 | B8136A6-Bx <sub>2</sub> -86 | - | 8/3 | 20202-49 |
|-------|-----------------------------|---|-----|----------|

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14290 |  | -87 | 8/6 |  |
|-------|--|-----|-----|--|

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14291 |  | -88 | 8/4 |  |
|-------|--|-----|-----|--|

✓ PIP

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14292 |  | -89 | 8/3 |  |
|-------|--|-----|-----|--|

✓ PIP

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14293 |  | -90 | 8/6 |  |
|-------|--|-----|-----|--|

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14294 |  | -91 | 8/7 |  |
|-------|--|-----|-----|--|

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14295 |  | -92 | 8/3 |  |
|-------|--|-----|-----|--|

|       |  |     |     |  |
|-------|--|-----|-----|--|
| 14296 |  | -93 | 8/1 |  |
|-------|--|-----|-----|--|

✓ PIP

|          |                                            |      |       |          |
|----------|--------------------------------------------|------|-------|----------|
| 20202-49 | B8136N <sub>6</sub> - Bk <sub>2</sub> - 94 | 8/11 | 14297 | ✓<br>P/P |
|          | -95                                        | 8/3  | 14298 |          |
|          | -96                                        | 8/4  | 14299 |          |
|          | -97                                        | 8/4  | 14300 |          |
|          | -98                                        | 8/11 | 14301 |          |
|          | -99                                        | 8/7  | 14302 |          |
|          | -100                                       | 8/3  | 14303 | ✓<br>P/P |
|          | -101                                       | 8/4  | 14304 | ✓<br>P/P |

B8136A6 - Bk<sub>2</sub> - 102

14305

8/10

20202-49

14306

-103

8/3

✓

8/10

14307

-104

14308

-105

8/4

✓  
8/10

14309

-106

8/1

14310

-107

8/11

14311

-108

8/13

14312

-109

8/2

✓ 8/10



|         |                              |      |                |
|---------|------------------------------|------|----------------|
| 0202-49 | B8136A6-Bk <sub>2</sub> -110 | 8/1  | 14313          |
|         | -111                         | 8/11 | 14314          |
|         | -112                         | 8/6  | 14315          |
|         | -113                         | 8/6  | 14316<br>fir ✓ |
|         | -114                         | 8/11 | 14317<br>fir ✓ |
|         | -115                         | 8/4  | 14318<br>fir ✓ |
|         | -116                         | 8/7  | 14319          |
|         | -117                         | 8/12 | 14320          |



BS136A6 - Bk<sub>2</sub> - 118

✓  
14321

8/13

20202-49

P/p

-119

✓  
14322

8/8

P/p

-120

14323

8/7

-121

14324

8/7

BOND

14325

7/31

Stg

BS136A6 - Bk<sub>2</sub> - 122

✓  
14326

8/1

20202-49

P/p

-123

14327

8/1

-124

14328

8/1

|         |                                |     |       |
|---------|--------------------------------|-----|-------|
| 0202-49 | B8136A6 - B <sub>82</sub> -125 | 8/9 | 14329 |
|         | -126                           | 8/6 | 14330 |
|         | -127                           | 8/3 | 14331 |
|         | -128                           | 8/6 | 14332 |
|         | -129                           | 8/4 | 14333 |
|         | -130                           | 8/4 | 14334 |
|         | -131                           | 8/4 | 14335 |
|         | -132                           |     | 14336 |

B8136A6-Bk<sub>2</sub>-133

14337

8/5

20202-49

14338

-134

8/4

✓  
p/p

14339

-135

8/3

14340

-136

8/2

14341

-137

7/31

✓  
p/p

14342

-138

8/3

✓  
p/p

14343

-139

8/4

14344

-140

8/3

✓  
p/p



|                                 |      |       |
|---------------------------------|------|-------|
| B8136A6 - Bk <sub>2</sub> - 141 | 8/1  | 14345 |
| 0202-49                         |      |       |
| -142                            | 8/9  | 14346 |
| -143                            | 8/11 | 14347 |
| -144                            | 8/13 | 14348 |
| -145                            | 8/14 | 14349 |
| LEPH                            | 8/10 | 14350 |
| C50                             |      |       |
| B8136A6 - Bk <sub>2</sub> - 146 | 8/13 | 14351 |
| -147                            | 8/10 | 14352 |



B8136A6-Bk<sub>2</sub>-148 -

14353

8/7

20202-49

✓

plp

14354

-149

8/6

14355

-150

8/1

✓

plp

14356

-151

7/30

✓

plp

14357

-152

8/8

14358

-153

8/11

14359

-154

8/7

✓

plp

14360

-155

8/13

|          |                              |      |       |          |
|----------|------------------------------|------|-------|----------|
| 20202-49 | B8136A6-Bk <sub>2</sub> -156 | 8/11 | 14361 | ✓<br>P1p |
|          | -157                         | 8/3  | 14362 |          |
|          | -158                         | 8/3  | 14363 |          |
|          | -159                         | 8/11 | 14364 | ✓<br>P1p |
|          | -160                         | 8/6  | 14365 |          |
|          | -161                         | 8/7  | 14366 |          |
|          | -162                         | 8/2  | 14367 |          |
|          | -163                         | 8/4  | 14368 | ✓<br>P1p |

|       |                              |      |          |
|-------|------------------------------|------|----------|
| 14369 | B8136A6-BK <sub>2</sub> -164 | 8/10 | 20202-49 |
|-------|------------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 14370 | -165 | 8/10 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 14371 | -166 | 8/9 |  |
| ✓     | PIR  |     |  |

|       |      |      |  |
|-------|------|------|--|
| 14372 | -167 | 8/13 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 14373 | -168 | 8/9 |  |
| ✓     | PIR  |     |  |

|       |      |      |  |
|-------|------|------|--|
| 14374 | -169 | 8/13 |  |
|-------|------|------|--|

|       |      |      |    |
|-------|------|------|----|
| 14375 | SKBT | 8/13 | Fd |
|-------|------|------|----|

|       |                              |      |  |
|-------|------------------------------|------|--|
| 14376 | B8136A6-BK <sub>2</sub> -170 | 8/10 |  |
|-------|------------------------------|------|--|

|          |                              |      |       |       |
|----------|------------------------------|------|-------|-------|
| 20202-49 | B8136A6-BK <sub>2</sub> -171 | 8/4  | 14377 | P/p ✓ |
|          | -172                         | 8/5  | 14378 |       |
|          | -173                         | 8/10 | 14379 |       |
|          | -174                         | 8/13 | 14380 |       |
|          | -175                         |      | 14381 |       |
|          | -176                         | 8/13 | 14382 |       |
|          | -177                         | 7/31 | 14383 | P/p ✓ |
|          | -178                         | 7/31 | 14384 |       |



14385 B5136A6-Bk<sub>2</sub>-179 8/1 20202-49

✓ PIP

14386 -180 8/5

14387 -181 8/1

✓ PIP

14388 -182 8/10

14389 -183 8/1

14390 -184 8/1

14391 -185 8/2

✓ PR

14392 -186 8/3

✓ PR

|          |                              |     |                |
|----------|------------------------------|-----|----------------|
| 20202-49 | B8136A6-Bk <sub>2</sub> -187 | 8/7 | 14393          |
|          | -188                         | 8/6 | 14394<br>P/P ✓ |
|          | -189                         | 8/7 | 14395          |
|          | -190                         | 8/2 | 14396          |
|          | -191                         | 8/7 | 14397          |
|          | -192                         | 8/2 | 14398<br>P/P ✓ |
|          | -193                         | 8/4 | 14399          |
|          | -194                         | 8/6 | 14400          |

B8136A6-Bic<sub>2</sub>-195

14401

8/3

20202-49

✓ P1p

-196

14402

8/7

✓ P1p

-197

14403

8/6

-198

14404

8/8

-199

14405

-200

14406

-201

14407

-202

14408

8/3

|         |                              |      |                   |
|---------|------------------------------|------|-------------------|
| 0202-49 | B8136A6-Bk <sub>2</sub> -203 | 8/3  | 14409             |
|         | -204                         | 8/12 | 14410             |
|         | -205                         | 8/10 | 14411<br>✓<br>rip |
|         | -206                         | 8/8  | 14412             |
|         | -207                         | 8/11 | 14413<br>✓<br>rip |
|         | -208                         | 8/7  | 14414             |
|         | -209                         | 8/1  | 14415             |
|         | -210                         | 8/5  | 14416<br>✓<br>rip |



B8136A6-BK2-211

14417

7/31

20202-49

14418

-212

7/31

✓ 8/10

14419

-213

8/5

14420

-214

8/4

✓ 8/8

14421

-215

8/5

14422

-216

8/12

14423

-217

8/12

14424

-218

8/6

✓ 8/8

|          |                              |      |                |
|----------|------------------------------|------|----------------|
| Cro      | TORO - 2                     | 8/11 | 14425          |
| 20202-49 | 38136A6-BK <sub>2</sub> -219 | 8/11 | 14426<br>P/P ✓ |
|          | -220                         | 8/3  | 14427          |
|          | -221                         | 7/31 | 14428<br>P/P ✓ |
|          | -222                         | 8/7  | 14429          |
|          | -223                         | 8/11 | 14430<br>P/P ✓ |
|          | -224                         | 8/3  | 14431          |
|          | -225                         | 8/11 | 14432<br>P/P ✓ |

B8136A6 - Bk<sub>2</sub> - 226

14433

8/12

20202-49

-227

14434

8/7

-228

14435

8/7

-229

14436

8/2

✓  
P/P

-230

14437

8/6

✓  
P/P

-231

14438

8/10

✓  
P/P

-232

14439

8/3

-233

14440

8/4

|          |                              |      |                |
|----------|------------------------------|------|----------------|
| 20202-49 | B8136A6-BK <sub>2</sub> -234 | 8/12 | 14441          |
|          | -235                         | 8/12 | 14442          |
|          | -236                         | 8/3  | 14443<br>P/P ✓ |
|          | -237                         | 8/7  | 14444<br>P/P ✓ |
|          | -238                         |      | 14445          |
|          | -239                         | 8/7  | 14446          |
|          | -240                         | 8/8  | 14447          |
|          | -241                         | 8/1  | 14448          |



B8136A6-Bk<sub>2</sub>-242

14449

8/5

20202-49

✓  
p/p

TBNT

14450

8/6

Stg

B8136A6-Bk<sub>2</sub>-243

14451

8/3

20202-49

✓  
p/p

-244

14452

-245

14453

8/9

-246

14454

8/4

✓ p/p

-247

14455

7/31

✓ p/p

-248

14456

|         |                                |      |                    |
|---------|--------------------------------|------|--------------------|
| 0202-49 | B8136A6 - Bk <sub>2</sub> -249 | 7/31 | 14457<br>✓<br>8/12 |
|         | -250                           | 8/2  | 14458<br>✓<br>8/12 |
|         | -251                           | 8/1  | 14459<br>✓<br>8/12 |
|         | -252                           | 8/7  | 14460              |
|         | -253                           | 8/11 | 14461              |
|         | -254                           | 8/6  | 14462              |
|         | -255                           | 8/13 | 14463              |
|         | -256                           | 8/11 | 14464<br>✓<br>8/12 |

B8136A6 - Bx<sub>2</sub> - 257

14465

8/13

20202-49

-258

14466

8/17

-259

14467

-260

14468

8/10

✓  
P10

-261

14469

8/17

✓  
P10

-262

14470

8/16

✓  
P10

-263

14471

-264

14472

8/14

|          |                                 |      |                   |
|----------|---------------------------------|------|-------------------|
| 20202-49 | B8136A6 - Bk <sub>2</sub> - 265 | 8/10 | 14473             |
|          | -266                            | 8/12 | 14474<br>✓<br>P/P |
| Br995    | L-202                           | 1/31 | 14475             |
| 20202-49 | B8136A6 - Bk <sub>2</sub> - Bk  | 8/3  | 14476             |
| bk<br>↓  | ↓                               |      |                   |
|          | "                               | 8/6  | 14477             |
|          | "                               | 8/3  | 14478             |
|          | "                               | 8/2  | 14479             |
|          | "                               | 8/3  | 14480             |



B8136A6 - Bx<sub>2</sub> - Bx

14481

8/3

20202-49

bis

↓

"

14482

8/2

"

14483

8/3

"

14484

8/2

"

14485

8/3

"

14486

8/1

"

14487

8/1

"

14488

8/1

20202-49

bk

↓

B8136A6-Bk<sub>2</sub>-Bk

8/2

14489

8/2

14490

7/31

14491

8/1

14492

7/31

14493

8/1

14494

8/2

14495

7/31

14496

|       |                                 |      |                      |
|-------|---------------------------------|------|----------------------|
|       |                                 |      |                      |
| 14497 | B8136A6 - Bk <sub>2</sub> - Bk  | 7/31 | 20202-49<br>bxc<br>↓ |
| 14498 | "                               | 8/1  |                      |
| 14499 | "                               | 7/31 |                      |
| 14500 | PI 408449                       |      | 18992-19000          |
| 14501 |                                 | 8/3  | 2026                 |
|       | Dialtel Crossing Block, Date II |      |                      |
| 14502 |                                 | 8/3  | "                    |
| 14503 |                                 | 8/3  | "                    |
| 14504 |                                 | 8/3  | "                    |

2026

8/3

14507

"

8/2

14508

2027

7/30

14507

"

7/30

14508

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7/30

14509

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7/31

14510

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7/30

14511

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7/30

14512



14513

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1103

8/4

14521

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8/4

14522

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8/4

14523

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8/7

14524

Biggs

L-202

7/31

14525

"

7/31

14526

"

7/31

14527

"

7/31

14528

|       |      |  |       |
|-------|------|--|-------|
| L-202 |      |  |       |
| 14529 | 7/31 |  | Biggs |

|       |      |  |   |
|-------|------|--|---|
| 14530 | 7/31 |  | " |
|-------|------|--|---|

|       |      |  |     |
|-------|------|--|-----|
| 14531 | 8/14 |  | 761 |
|-------|------|--|-----|

|       |  |  |   |
|-------|--|--|---|
| 14532 |  |  | " |
|-------|--|--|---|

|       |      |  |   |
|-------|------|--|---|
| 14533 | 8/13 |  | " |
|-------|------|--|---|

|       |  |  |   |
|-------|--|--|---|
| 14534 |  |  | " |
|-------|--|--|---|

|       |      |  |   |
|-------|------|--|---|
| 14535 | 8/14 |  | " |
|-------|------|--|---|

|       |      |  |   |
|-------|------|--|---|
| 14536 | 8/14 |  | " |
|-------|------|--|---|

2024

8/14

14537

"

8/14

14538

"

bk 9/14

8/13

14539

"

8/13

14540

"

8/12

14541

"

8/12

14542

2040

14543

"

14544



|       |  |  |      |
|-------|--|--|------|
| 14545 |  |  | 2040 |
|-------|--|--|------|

|       |  |  |   |
|-------|--|--|---|
| 14546 |  |  | " |
|-------|--|--|---|

|       |  |  |   |
|-------|--|--|---|
| 14547 |  |  | " |
|-------|--|--|---|

|       |  |  |   |
|-------|--|--|---|
| 14548 |  |  | " |
|-------|--|--|---|

|       |      |  |      |
|-------|------|--|------|
| 14549 | 8/10 |  | 2091 |
|-------|------|--|------|

|       |      |  |   |
|-------|------|--|---|
| 14550 | 8/10 |  | " |
|-------|------|--|---|

|       |      |  |   |
|-------|------|--|---|
| 14551 | 8/10 |  | " |
|-------|------|--|---|

|       |      |  |   |
|-------|------|--|---|
| 14552 | 8/10 |  | " |
|-------|------|--|---|

2091

8/10

14553

11

8/10

14554

16

7/31

14555

11

7/31

14556

11

8/11

14557

11

7/31

14558

11

7/31

14559

11

7/31

14560

|       |      |    |
|-------|------|----|
| 14561 | 8/9  | 54 |
| 14562 | 8/13 | "  |
| 14563 | 8/13 | "  |
| 14564 | 8/12 | "  |
| 14565 | 8/1  | "  |
| 14566 | 8/13 | "  |
| 14567 | 7/31 | 13 |
| 14568 | 7/31 | "  |

13

7/31

14569

"

7/31

14570

"

7/31

14571

"

7/31

14572

158

8/10

14573

"

8/10

14574

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8/10

14575

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8/10

14576



14577

8110

158

14578

8110

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14579

761

14580

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14581

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14582

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14583

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14584

"

IR-8

82/2136

14585

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14586

"

14587

"

14588

IR-20

82/2137

14589

"

14590

"

14591

"

14592

|       |       |  |  |         |
|-------|-------|--|--|---------|
|       |       |  |  |         |
| 14593 | IR-22 |  |  | 82/2138 |
| 14594 |       |  |  | "       |
| 14595 |       |  |  | "       |
| 14596 |       |  |  | "       |
| 14597 | IR-24 |  |  | 82/2139 |
| 14598 |       |  |  | "       |
| 14599 |       |  |  | "       |
| 14600 |       |  |  | "       |

Seeded 5/16/84

55, 11 W

39

BT710A2-BK-1-2-1-1

12201

14601

-2

14602

-3

14603

-4

14604

-5

14605

BT710A2-BK-1-2-4-1

12204

14606

-2

14607

-3

14608



14609

-4

14610

-5

8/13

14611

B7710A2-BK-4-1-2-1

8/12

12207

14612

-2

8/12

14613

-3

8/11

14614

-4

8/12

14615

-5

8/12

14616

B7710A2-BK-4-1-3-1

8/12

12208

12208

6538

-2

84/999

8/12

14617

-3

8/11

14618

-4

8/11

14619

-5

8/10

14620

12217

BT710A2-BK-8-4.2-1

8/13

14621

-2

14622

-3

14623

PI 331581

82/2152

8/12

8/12

14624

bn 9/17

|       |                                |      |               |
|-------|--------------------------------|------|---------------|
| 14625 | B7710A2-Bk-12-4-5-1<br>84/1000 | 8/10 | 12236<br>6250 |
|-------|--------------------------------|------|---------------|

|       |  |           |  |
|-------|--|-----------|--|
| 14626 |  | -2<br>8/7 |  |
|-------|--|-----------|--|

|       |  |           |  |
|-------|--|-----------|--|
| 14627 |  | -3<br>8/8 |  |
|-------|--|-----------|--|

|       |  |            |  |
|-------|--|------------|--|
| 14628 |  | -4<br>8/10 |  |
|-------|--|------------|--|

|       |  |           |  |
|-------|--|-----------|--|
| 14629 |  | -5<br>8/7 |  |
|-------|--|-----------|--|

|       |                     |      |       |
|-------|---------------------|------|-------|
| 14630 | B7710A2-Bk-13-1-2-1 | 8/12 | 12238 |
|-------|---------------------|------|-------|

|       |  |    |  |
|-------|--|----|--|
| 14631 |  | -2 |  |
|-------|--|----|--|

|       |  |            |  |
|-------|--|------------|--|
| 14632 |  | -3<br>8/12 |  |
|-------|--|------------|--|



-4

14633

-5

8/13

14634

B7710A2-BK-17-2-1-1

12242

8/10

14635

-2

8/13

14636

-3

8/12

14637

-4

8/14

14638

-5

8/12

14639

B7710A2-BK-20-2-3-1

12255

8/11

14640



14641

-2  
8/10

14642

-3  
8/11

14643

-4  
8/12

14644

B7710A2-Bk-22-4-2-1

84/1001

8/8

12259  
5901

14645

-2  
8/9

14646

-3  
8/8

✓ 9P

bk 9/17

HgHg, Dm

14647

-4  
8/9

14648

-5  
8/9

LMNT.

Fd

8/10

14649

b/c 9/17

BT710A2-Bx-22-4-5-1

12262

8/11

14650

-2

8/11

14651

ap ✓

-3

8/12

14652

BT710A2-Bx-24-2-2-1

12269

8/10

14653

-2

8/10

14654

-3

8/10

14655

-4

8/10

14656

|       |                                                                               |       |
|-------|-------------------------------------------------------------------------------|-------|
| 14657 | -5<br>8/10                                                                    |       |
| 14658 | B7710A2-Bk-24-2-4-1<br>8/10                                                   | 12271 |
| 14659 | -2<br>8/10                                                                    |       |
| 14660 | -3<br>8/6<br>P/P<br>bk 9/17<br>H <sub>g</sub> H <sub>g</sub> , D <sub>m</sub> |       |
| 14661 | -4<br>8/6                                                                     |       |
| 14662 | -5<br>8/11                                                                    |       |
| 14663 | B7710A2-Bk-24-5-1-1<br>8/9                                                    | 12274 |
| 14664 | -2<br>8/9                                                                     |       |



-3

8/9

14665

✓  
P/P

DT: 4/4/4

bx 8/17

-4

8/9

14666

-5

8/9

14667

BT710A2-BK-28-2-2-1

12285

8/12

14668

-2

14669

-3

14670

-4

14671

-5

14672



|       |      |      |    |
|-------|------|------|----|
| 14673 | BLMT | 8/16 | Fd |
|-------|------|------|----|

bk 9/17

|       |                     |  |       |
|-------|---------------------|--|-------|
| 14674 | BT710A2-Bk-28-2-3-1 |  | 12286 |
|-------|---------------------|--|-------|

|       |  |            |  |
|-------|--|------------|--|
| 14675 |  | -2<br>8/12 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 14676 |  | -3<br>8/14 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 14677 |  | -4<br>8/14 |  |
|-------|--|------------|--|

|       |  |            |  |
|-------|--|------------|--|
| 14678 |  | -5<br>8/14 |  |
|-------|--|------------|--|

|       |                     |  |       |
|-------|---------------------|--|-------|
| 14679 | BT710A2-Bk-28-2-5-1 |  | 12288 |
|-------|---------------------|--|-------|

|       |  |            |  |
|-------|--|------------|--|
| 14680 |  | -2<br>8/13 |  |
|-------|--|------------|--|

-3

14681

BT710A2-Bk-29-3-1-1

12289

8/10

14682

-2

8/10

14683

Lgdy, Dmt

P/p

bk 9/17

-3

8/10

14684

-4

8/11

14685

-5

8/10

14686

BT710A2-Bk-29-3-3-1

12291

8/9

14687

-2

8/9

14688

14689

✓ PIP

8/7 -3

14690

By 4/1/77 bk 9/1/77

8/8 -4

14691

8/8 -5

14692

BT710A2-Bk-30-2-2-1

12295

14693

-2

14694

8/14 -3

14695

8/14 -4

14696

-5



B7710A2-Bk-36-3-1-1

12304

8/5

14697

-2

8/8

14698

H<sub>g</sub>H<sub>g</sub>; D<sub>m</sub>P<sub>10</sub> ✓

bk 9/17

-3

8/9

14699

B7710A2-Bk-36-3-4-1

12307

8/9

14700

6327

84/1003

-2

8/10

14701

-3

8/12

14702

-4

8/11

14703

P<sub>10</sub> ✓

B7710A2-Bk-36-3-5-1

12308

8/9

14704

H<sub>g</sub>H<sub>g</sub>D<sub>m</sub>P<sub>10</sub> ✓

bk 9/17



14705

-2  
8/10

14706

-3  
8/11

14707

-4  
8/9

14708

-5  
8/10

14709

B7710A2-BK-37-1-1-1

84/1004

8/11

12309  
6322

14710

-2  
8/8

✓ P/p

hghy  
Dnt

bk 9/17

14711

-3  
8/8

14712

-4  
8/11

-5

8/9

14713

B7710A2-Bx-39-1-1-1

12319

8/10

14714

-2

8/10

14715

-3

8/10

14716

q/p

-4

8/11

14717

-5

8/13

14718

B7710A2-Bx-39-1-3-1

12321

8/13

14719

-2

8/11

14720

14721

-3

8/10

14722

-4

8/11

✓ Pp

hydg; Dmr

bk 9/17

LMNT

14723

8/7

Fd

bk 9/17

Not LMNT!  
Probably LBNT.

14724

37710A2-Bk-41-2-3-1

8/6

12327

84/1005

5803

14725

-2

8/6

14726

-3

8/6

14727

-4

8/7

14728

-5

8/5



12336 BT710A2-Bk<sub>2</sub>-3-2-1

8/10

14729

-2

8/7

14730

-3

8/10

14731

-4

8/10

14732

-5

8/9

14733

12337 BT710A2-Bk<sub>2</sub>-3-3-1

8/10

14734

-2

8/10

14735

-3

8/10

14736

P10✓



14737

-4  
8/11

14738

BT710A2-Bk<sub>2</sub>-3-5-1

8/9

12339

14739

-2  
8/11

14740

-3  
8/12

✓  
14741

-4  
8/11

14742

-5  
8/11

14743

BT710A2-Bk<sub>2</sub>-6-1-1

8/8

12340

14744

-2  
8/10

-3

8/11

14745

B7710A2-Bk<sub>2</sub>-10-1-1

12345

5428

84/1006

8/10

14746

-2

8/11

14747

Dm, H<sub>4</sub>H<sub>9</sub>

-3

8/10

14748

bk 9/17

P<sub>1r</sub> ✓

-4

8/9

14749

NWBT

Stg

8/14

14750

bk 9/17

B7710A2-Bk<sub>2</sub>-10-4-1

12348

8/11

14751

-2

8/10

14752

14753

-3

8/8

✓ P/p

H<sub>4</sub>H<sub>9</sub>  
DNT

bx 9/17

14754

-4

8/9

14755

-5

8/8

14756

B7710A2-BK<sub>2</sub>-10-5-1

8/11

12349

14757

-2

8/10

14758

-3

8/10

14759

-4

8/9

14760

-5

8/10



12351

B7710A2-BK<sub>2</sub>-13-1-1

8/9

14761

-2

8/9

14762

-3

8/5

14763

-4

8/6

14764

12352

B7710A2-BK<sub>2</sub>-13-2-1

8/9

14765

-2

8/8

14766

rip ✓

-3

8/9

14767

-4

8/9

14768



14769

B7710A2-Bk<sub>2</sub>-13-5-1-

8/9

12355

84/1007

5906

14770

-2

8/9

14771

-3

8/10

14772

-4

8/9

✓ PP  
bk 9/17H<sub>2</sub>H<sub>2</sub>; D<sub>n</sub>  
better

14773

B7710A2-Bk<sub>2</sub>-14-2-1

8/8

12357

14774

-2

8/10

14775

-3

8/10

14776

-4

8/10

BOND

Stg

7/31

14777

b/c 9/17

B7710A2-BK2-14-5-1

12360

8/10

14778

-2

8/10

14779

-3

8/10

14780

-4

8/10

14781

-5

8/10

14782

B7710A2-BK2-18-4-1

12364

8/8

14783

-2

8/8

14784

H<sub>g</sub>H<sub>g</sub>  
D<sub>m</sub>

p/p

14785

-3

8/6

14786

-4

8/8

14787

-5

8/6

14788

BT710A2-Bk<sub>2</sub>-22-2-1

8/6

84/1008

12367

7242

14789

-2

8/5

✓ P/R

14790

-3

8/6

br 9/17  
Dm: 4yH<sub>2</sub>

14791

-4

8/6

14792

BT710A2-Bk<sub>2</sub>-25-1-1

8/6

12377

✓ P/R



-2

8/8

14793

-3

8/7

14794

-4

8/9

14795

B7710A2-BK<sub>2</sub>-25-4-1

12380

8/6

14796

-2

8/8

14797

-3

8/9

14798

-4

8/7

14799

-5

8/8

14800



14801

BT710A2-Bk<sub>2</sub>-30-3-1

8/10

12384

14802

-2

8/9

14803

-3

8/9

14804

-4

8/9

14805

-5

8/9

✓ PIP

H<sub>g</sub>H<sub>g</sub>; D<sub>m</sub>

bk 9/17

14806

BT710A2-Bk<sub>2</sub>-38-1-1

8/7

12397

84/1009

7371

14807

-2

8/6

H<sub>g</sub>H<sub>g</sub>; D<sub>m</sub>

✓ PIP

bk 9/17

14808

-3

8/4

notable across years

-4

8/10

14809

B7710A2-Bk<sub>2</sub>-38-2-1

12398

8/14

14810

-2

8/6

14811

-3

8/9

14812

Dm 11/49

-4

8/5

14813

bx 9/17

-5

8/6

14814

P/p ✓

B7710A2-Bk<sub>2</sub>-41-2-1

12403

8/10

14815

Dm 11/49

-2

8/11

14816

P/p ✓

14817

bx 9/17

-3

8/11

14818

-4

8/11

14819

BTT10A2-BK<sub>2</sub>-46-4-1

8/6

12410

6399

84/1010

✓ PIP

bx 9/17

h<sub>2</sub>h<sub>2</sub>; Dm

14820

-2

8/11

14821

-3

8/12

14822

-4

8/11

14823

-5

8/11

14824

LEAH

8/10

Cro

bx 9/17



12412

BT710A2-Bk<sub>2</sub>-50-1-1

8/11

14825

-2

8/10

14826

-3

8/10

14827

P/p ✓

-4

8/10

14828

BT710A2-Bk<sub>2</sub>-52-1-1

12417

6564

84/1011

8/16

14829

P/R ✓

-2

8/5

14830

-3

8/5

14831

-4

8/5

14832



14833

-5  
8/5

14834

B7710A2-Bk<sub>2</sub>-52-3-1

8/4

12419

14835

-2  
8/9

14836

-3  
8/5

14837

-4  
8/5

14838

B7710A2-Bk<sub>2</sub>-56-1-1

8/13

12428

14839

-2  
8/12

14840

-3  
8/13

12430

BT710A2 - Bk<sub>2</sub> - 56-3-1

8/10

14841

-2

8/11

14842

H<sub>2</sub>H<sub>2</sub>  
Dms

P/P ✓

b/c 9/17

-3

8/14

14843

-4

8/14

14844

12432

BT710A2 - Bk<sub>2</sub> - 56-5-1

14845

-2

14846

-3

14847

-4

8/14

14848

14849

-5

8/13

14850

BBLE

8/6

1103

bx 9/17

14851

BT710A2-Bk<sub>2</sub>-62-1-1

8/5

12433

14852

-2

8/9

14853

-3

8/10

14854

BT710A2-Bk<sub>2</sub>-62-3-1

8/8

12435

✓  
pic

14855

-2

8/7

14856

-3

8/6

-4

8/6

14857

-5

8/7

14858

B7710A2-Bx<sub>2</sub>-69-1-1

12438

6641

84/1012

HgHg; Dm

8/10

14859

✓  
Pip

bnc 9/17

-2

8/10

14860

-3

8/10

14861

-4

8/10

14862

B7710A2-Bx<sub>2</sub>-74-1-1

12448

8/6

14863

-2

8/6

14864



14865

-3

8/6

14866

-4

8/6

14867

-5

8/6

pip

14868

B7710A2-Bk<sub>2</sub>-74-2-1

8/8

12449

14869

-2

8/9

14870

-3

8/8

14871

B7710A2-Bk<sub>2</sub>-78-2-1

8/6

12455

✓ pip

84/1013

6764

bk 9117

HgHg, Dm

14872

-2

8/9

-3

8/8

14873

-4

8/9

14874

LBLE

Fd

7/30

14875

bx 9/17

B7710A2-BK<sub>2</sub>-78-4-1

12457

8/6

14876

-2

8/5

14877

-3

8/6

14878

-4

8/8

14879

✓  
8/8

-5

8/6

14880

BT710A2-Bk<sub>2</sub>-85-1-1-

14881

8/11

12459

84/1014

6065

14882

DM 1444

br 9/17

-2

8/10

14883

-3

8/10

BT710A2-Bk<sub>2</sub>-85-2-1

14884

8/11

12460

14885

-2

8/10

14886

-3

8/13

BT710A2-Bk<sub>2</sub>-85-3-1

14887

8/10

12461

14888

-2

8/10



-3

8/10

14889

-4

8/10

14890

B7710A2-Bk<sub>2</sub>-87-1-1

12464

hydry  
Dms

8/6

14891

8/10

bk 9/17

-2

8/6

14892

-3

8/6

14893

-4

8/5

14894

-5

8/5

14895

B7710A2-Bk<sub>2</sub>-87-2-1

12465

8/6

14896



14897

-2  
8/6

14898

-3  
8/6

14899

-4  
8/6

14900

-5  
8/7

14901

BT710A2-BK<sub>2</sub>-109-3-1

8/9

84/1015

12477  
6415

14902

-2  
8/10

14903

DMT; 2, 4, 8

-3  
8/8

PIP

bx 9/17

14904

-4  
8/7

|       |                                  |            |                  |
|-------|----------------------------------|------------|------------------|
| 12479 | B7710A2-B <sub>K2</sub> -109-5-1 | 8/10       | 14905            |
|       |                                  | -2<br>8/9  | 14906            |
|       |                                  | -3<br>8/12 | 14907            |
|       |                                  | -4<br>8/10 | 14908            |
| 12489 | B7710A2-B <sub>K2</sub> -113-5-1 | 8/9        | 14909            |
|       | Dm; HgHg                         |            | p/p ✓<br>bk 9/17 |
|       |                                  | -2<br>8/11 | 14910            |
|       |                                  | -3<br>8/7  | 14911            |
|       |                                  | -4<br>8/9  | 14912            |

14913

-5  
8/10

14914

BT710A2-Bk<sub>2</sub>-117-2-1

8/9

12491

14915

-2  
8/9

14916

Dm j 11/4 H<sub>4</sub>

b/c 9/17

-3  
8/10

14917

-4  
8/9

14918

-5  
8/8

14919

BT710A2-Bk<sub>2</sub>-120-3-1

8/2

12497

14920

-2  
8/3

✓ P/R



$\text{Dm}, \text{H}_2\text{H}_4$ 

-3

8/3

14921

-4

8/4

14922

-5

8/6

14923

RU8303046

46

8/7

14924

bk 9/17

B7710A2-BK<sub>2</sub>-123-1-1

12500

8/8

14925

-2

8/9

14926

-3

8/4

14927

-4

8/8

14928



14929 BT710A2-Bk<sub>2</sub>-123-5-1 8/8 12504

14930 HgHg; Dm  
✓ Pip bk 9/17 -2 8/9

14931 -3 8/9

14932 BT710A2-Bk<sub>2</sub>-129-2-1 8/9 12516

14933 -2 8/10

14934 -3 8/9

14935 -4 8/8

14936 BT710A2-Bk<sub>2</sub>-129-5-1 8/6 12519

✓ Pip HgHg; Dm  
bk 9/17

-2

8/8

14937

-3

8/9

14938

-4

8/9

14939

-5

8/12

14940

B7710A2-Bx<sub>2</sub>-139-4-1

12533

8/8

14941

-2

8/6

14942

-3

8/7

14943

Dm; by by

1/6

br 9/17

-4

8/7

14944

14945

-5  
8/6

14946

BT710A2-Bk<sub>2</sub>-144-2-1

8/10

12536

14947

-2  
8/10

14948

DT, H<sub>4</sub>H<sub>9</sub>

-3  
8/10

14949

bk 9/17

-4  
8/10

14950

✓ PIP

-5  
8/11

14951

BT710A2-Bk<sub>2</sub>-144-3-1

8/11

12537

14952

-2  
8/10



-3

8/10

14953

-4

8/9

14954

RU8003009

9

8/3

14955

b/c 9/17

B7710A2-BK6-1

1902-49

8/13

14956

-2

8/14

14957

-3

8/9

14958

-4

8/10

14959

p/c ✓

-5

8/9

14960

p/c ✓

by hy

Dm

b/c 9/17



BT710A2-Brg-6.

14961

8/6-

19902-49

14962

-7

8/8

✓ P/p

H<sub>2</sub>H<sub>2</sub>  
DmT

br 9/17

14963

-8

8/12

14964

-9

8/10

14965

-10

8/16

14966

-11

8/8

✓

P/p

14967

-12

8/8

14968

-13

8/8

9902-49 B7710A2 - Bk<sub>6</sub> - 14 8/6 14969

-15 8/8 14970

-16 8/8 14971

-17 8/8 14972

-18 8/9 14973

-19 8/8 14974

hy hy; Ns

8/8 ✓

bk 9/17

RU8003005

3

8/1 14975

bk 9/17

B7710A2 - Bk<sub>6</sub> - 20

8/10 14976

hy hy  
Dm

8/10 ✓  
bk 9/17

BT710A2-BK-21

14977

8/13

19902-49

-22

14978

8/13

-23

14979

8/13

-24

14980

8/16

-25

14981

8/16

-26

14982

8/16

-27

14983

8/17

-28

14984

8/13

|         |                                                 |     |                  |
|---------|-------------------------------------------------|-----|------------------|
| 9902-49 | B7710A2-BK <sub>6</sub> -29                     | 815 | 14985            |
|         | -30                                             | 818 | 14986            |
|         | H <sub>g</sub> H <sub>g</sub><br>D <sub>m</sub> |     | P/p ✓<br>bk 9/17 |
|         | -31                                             | 811 | 14987            |
|         | -32                                             | 818 | 14988            |
|         | N <sub>5</sub> ; H <sub>g</sub> H <sub>g</sub>  |     | P/p ✓<br>bk 9/17 |
|         | -33                                             | 812 | 14989            |
|         | -34                                             | 813 | 14990            |
|         | -35                                             | 812 | 14991            |
|         | -36                                             | 810 | 14992            |



B7710A2-BK<sub>6</sub>-37

14993

8/8-

19902-49

14994

-38

8/6

✓  
pip

14995

-39

8/6

14996

-40

8/7

14997

-41

8/6

✓  
pip

by 4; D<sub>3</sub>

bk 9/17

14998

-42

8/6

14999

-43

8/6

15000

-44

8/4

9902-49

B7710A2-BK6-45

N<sub>m</sub>; 2, 2, 2

8/9

150001

P<sub>10</sub>

bk 9/17

-46

8/10

150002

-47

8/14

150003

-48

8/6

150004

-49

8/8

150005

-50

8/5

150006

-51

8/13

150007

-52

8/10

150008

B7710A2-BK-53

15009

8/8

19902-49

15010

-54

8/14

15011

-55

8/8

15012

-56

8/10

✓  
p/p  
15013

-57

8/8

15014

-58

8/6

✓  
p/p  
15015

-59

8/10

15016

-60

8/9



|        |                             |      |                              |
|--------|-----------------------------|------|------------------------------|
| 902-49 | B7710A2-BK <sub>6</sub> -61 | 8/8  | 15017                        |
|        | -62                         | 8/4  | 15018                        |
|        | -63                         | 8/8  | 15019<br>✓<br>P/P            |
|        | -64                         | 8/9  | 15020                        |
|        | -65                         | 8/6  | 15021                        |
|        | -66                         | 8/8  | 15022<br>✓<br>P/P<br>bx 9/17 |
|        | DT; 8/27                    | 8/7  | 15023<br>✓<br>P/P            |
|        | -67                         |      |                              |
|        | -68                         | 8/11 | 15024                        |



|       |      |     |     |
|-------|------|-----|-----|
| 15025 | TRNT | 8/3 | Stg |
|-------|------|-----|-----|

bx 9/17

|       |                             |     |          |
|-------|-----------------------------|-----|----------|
| 15026 | B7710A2-BK <sub>6</sub> -69 | 8/8 | 19902-49 |
|-------|-----------------------------|-----|----------|

|       |     |     |  |
|-------|-----|-----|--|
| 15027 | -70 | 8/4 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 15028 | -71 | 8/4 |  |
|-------|-----|-----|--|

✓ P/p

log log; NS

bx 9/17

|       |     |     |  |
|-------|-----|-----|--|
| 15029 | -72 | 8/6 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 15030 | -73 | 8/6 |  |
|-------|-----|-----|--|

|       |     |      |  |
|-------|-----|------|--|
| 15031 | -74 | 8/10 |  |
|-------|-----|------|--|

|       |     |     |  |
|-------|-----|-----|--|
| 15032 | -75 | 8/8 |  |
|-------|-----|-----|--|

✓ P/p

|         |                |      |                      |
|---------|----------------|------|----------------------|
| 9902-49 | B7710A2-BK6-76 | 8/7  | 15033                |
|         | -77            | 8/5  | 15034                |
|         | hyg; Ds        |      | ✓<br>1/10<br>bk 9/17 |
|         | -78            | 8/7  | 15035                |
|         | -79            | 8/6  | 15036                |
|         | -80            | 8/8  | 15037                |
|         | -81            | 8/6  | 15038                |
|         | -82            | 8/10 | 15039                |
|         | -83            |      | 15040                |

BT710A2 - Bk6 - 84

15041

8/5

19902-49

✓ PIP

-85

15042

8/8

-86

15043

8/5

-87

15044

8/5

-88

15045

8/5

✓ PIP

-89

15046

8/6

-90

15047

8/2

-91

15048

8/6

✓ PIP



B7710A2-BK<sub>6</sub>-92

8/6

15049

P/P ✓

NWRX

Fd

8/4

15050

bk 9/17

B7710A2-BK<sub>6</sub>-93

902-49

8/5

15051

P/P ✓

-94

8/9

15052

-95

8/12

15053

-96

8/3

15054

P/P ✓

-97

8/11

15055

-98

8/8

15056

hy hy; Dm

P/P ✓

bk 9/17



B7710A2-BK<sub>6</sub>-99

15057

8/13

19902-49

15058

-100

8/9

✓

dy, dy; Dm

P/p

bk 9/17

15059

-101

8/8

15060

-102

8/8

15061

-103

8/12

15062

-104

8/5

✓ P/p

15063

-105

8/8

15064

-106

8/9

Dm; Hg Hg

✓ P/p

better

9902-49

B7710A2-BK<sub>6</sub>-107

8/3

15065

-108

8/6

15066

-109

8/4

15067

-110

8/7

15068

-111

8/5

15069

P/P ✓

-112

8/9

15070

by Hg; Dnt

P/P ✓

bk 9/17

-113

8/11

15071

-114

8/7

15072

Hg Hg  
Dnt

P/P

bk 9/17

15073 B7710A2-Bk<sub>6</sub>-115 8/8 19902-49

✓  
PIP

15074 -116 8/10

15075 Toro-2 8/10 Cro  
bx 9/17

15076 B7710A2-Bk<sub>6</sub>-117 8/12 19902-49

15077 -118 8/9

15078 -119 8/10

15079 -120 8/9

15080 -121 8/14



|          |                              |     |       |                     |
|----------|------------------------------|-----|-------|---------------------|
| 19902-49 | B7710A2-Bk <sub>6</sub> -122 | 817 | 15081 | ✓<br>HP             |
|          | -123                         | 816 | 15082 |                     |
|          | -124                         | 819 | 15083 |                     |
|          | -125                         | 816 | 15084 |                     |
|          | -126                         | 816 | 15085 | ✓<br>HP<br>box 9/17 |
|          | HP11g; D <sub>T</sub>        |     |       |                     |
|          | -127                         | 817 | 15086 |                     |
|          | -128                         | 813 | 15087 |                     |
|          | -129                         | 818 | 15088 |                     |



B7710A2-13K<sub>6</sub>-130

15089

8/8

19902-49

15090

-131

8/10

15091

-132

8/5

✓ P/p

15092

-133

8/6

15093

-134

8/3

15094

-135

8/6

15095

-136

8/5

15096

-137

8/6

✓ P/p

9902-49 BT710A2-BK6-138

8/10

151097

-139

8/5

151098

-140

8/4

151099

-141

8/7

151100

-142

8/10

151101

-143

8/7

151102

-144

8/9

151103

-145

8/13

151104

B7710A2-Bk<sub>6</sub>-146

15105

8/15

19902-49

15106

-147

8/13

15107

-148

8/9

15108

-149

8/8

✓  
PIP

bk 9/17

H<sub>2</sub>Hg ; D<sub>m</sub>

15109

-150

8/6

✓  
PIP

15110

-151

8/8

✓  
PIP

15111

-152

15112

-153

8/13

902-49

BT710A2-BK<sub>6</sub>-154

8/9

151113

-155

8/10

151114

-156

8/6

151115

hp ✓

-157

8/8

151116

-158

8/9

151117

-159

8/13

151118

-160

8/6

151119

hp ✓

-161

H<sub>2</sub>H<sub>4</sub>  
D<sub>2</sub>

8/6

15120

hp ✓



BT710A2-BK<sub>6</sub>-162 -

15121

8/12

19902-49

-163

15122

8/6

-164

15123

8/9

-165

15124

8/11

STBN

15125

76

bx 9/17

BT710A2-BK<sub>6</sub>-166

15126

8/6

✓

Pir

bx 9/17

highly ; DT

-167

15127

8/10

-168

15128

8/10

|        |                              |      |                  |
|--------|------------------------------|------|------------------|
| 102-49 | B7710A2-BK <sub>6</sub> -169 | 814  | 15129            |
|        | -170                         | 812  | 15130            |
|        | -171                         | 816  | 15131            |
|        | -172                         | 814  | 15132            |
|        | -173                         | 817  | 15133            |
|        | -174                         | 817  | 15134            |
|        | -175                         | 8110 | 15135            |
|        | -176                         | 817  | 15136            |
|        | lyfy<br>Dm                   |      | PP ✓<br>bks 9/17 |

B7710A2-Bk<sub>6</sub>-177 -

15137

8/6

19902-49

15138

-178

8/11

15139

-179

8/5

✓

P/p

HgHg  
Dm

bk 9/17

15140

-180

8/10

15141

-181

8/5

✓

P/p

15142

-182

8/5

15143

-183

8/10

15144

-184

8/8



|        |                                 |     |                  |
|--------|---------------------------------|-----|------------------|
| 902-49 | B7710A2 - Bk <sub>6</sub> - 185 | 814 | 15145<br>pip ✓   |
|        | -186                            | 811 | 15146            |
|        | -187                            | 815 | 15147            |
|        | -188                            | 810 | 15148            |
|        | -189                            | 818 | 15149<br>pip ✓   |
| 89     | RV8303089                       | 817 | 15150<br>bk 9/17 |
|        | B7710A2 - Bk <sub>6</sub> - 190 | 819 | 15151            |
|        | -191                            | 819 | 15152            |



BT710A2-BK<sub>6</sub>-192

15153

8/8

19902-49

15154

-193

8/3

15155

-194

8/8

15156

-195

8/7

✓  
p/p  
15157

-196

8/8

✓  
p/p  
15158

-197

8/9

15159

-198

8/12

15160

-199

8/13

|         |                              |      |                   |
|---------|------------------------------|------|-------------------|
| 9902-49 | BT710A2-BK <sub>6</sub> -200 | 8/8  | 15161             |
|         | -201                         | 8/6  | 15162             |
|         | -202                         | 8/13 | 15163             |
|         | -203                         | 8/7  | 15164<br>✓<br>P/P |
|         | -204                         | 8/10 | 15165<br>✓<br>P/P |
|         | -205                         | 8/10 | 15166             |
|         | -206                         | 8/9  | 15167             |
|         | -207                         | 8/12 | 15168             |

15169

B7710A2-BK<sub>6</sub>-208

8/11

19802-49

15170

-209

8/10

15171

-210

8/10

15172

-211

8/11

15173

-212

8/8

15174

-213

8/8

15175

L-202

7/31

Biggs

bx 9/17

15176

B7710A2-BK<sub>6</sub>-214

8/8

|        |                                             |     |                           |
|--------|---------------------------------------------|-----|---------------------------|
| 902-49 | B7710A2-BK <sub>6</sub> -215                | 8/8 | 15177                     |
|        | -216                                        | 8/9 | 15178                     |
|        | -217                                        | 8/6 | 15179 ✓<br>P/p            |
|        | -218                                        | 8/8 | 15180                     |
|        | -219                                        | 8/5 | 15181 ✓<br>P/p            |
|        | -220                                        | 8/6 | 15182 ✓<br>P/p<br>bx 9/17 |
|        | H <sub>4</sub> H <sub>4</sub><br>DT<br>-221 | 8/7 | 15183                     |
|        | -222                                        | 8/6 | 15184                     |



B7710A2-BK<sub>6</sub>-223

15185

8/5

19902-49

15186

-224

8/4

15187

-225

8/4

15188

-226

8/5

15189

-227

8/4

✓ P/P

by by; Dm

br 9/17

15190

-228

8/4

15191

-229

8/7

15192

-230

8/6

9902-49

BT710A2-BK6-231

8/4

15193

-232

8/10

15194

hy hy

P/P

-233

8/6

15195

-234

8/6

15196

hy hy

P/P

-235

8/5

15197

-236

8/13

15198

-237

8/8

15199

P/P ✓

-238

8/7

15200

Seeded 5/16/84

S-5, 10 W

15201

BTT10A2-13K<sub>6</sub>-239

8/14

19902-49

15202

-240

8/12

15203

-241

8/7

15204

-242

8/6

15205

-243

15206

-244

8/11

15207

-245

8/6

15208

-246

8/13

|         |                                 |      |                  |
|---------|---------------------------------|------|------------------|
| 1902-49 | B7710A2 - Bk <sub>6</sub> - 247 | 8/3  | 15209            |
|         | -248                            | 8/10 | 15210            |
|         | -249                            | 8/4  | 15211            |
|         | -250                            | 8/9  | 15212            |
|         | -251                            | 8/10 | 15213            |
|         | -252                            | 8/7  | 15214            |
|         | by by; Dn                       |      | rip ✓<br>br 9/17 |
|         | -253                            | 8/5  | 15215            |
|         | -254                            | 8/7  | 15216            |



|       |                              |     |          |
|-------|------------------------------|-----|----------|
| 15217 | B7710A2-BK <sub>6</sub> -255 | 8/7 | 14902-49 |
|-------|------------------------------|-----|----------|

|       |      |     |
|-------|------|-----|
| 15218 | -256 | 8/6 |
|-------|------|-----|

✓ PIP

|       |      |     |
|-------|------|-----|
| 15219 | -257 | 8/8 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 15220 | -258 | 8/6 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 15221 | -259 | 8/8 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 15222 | -260 | 8/8 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 15223 | -261 | 8/6 |
|-------|------|-----|

|       |      |     |
|-------|------|-----|
| 15224 | -262 | 8/8 |
|-------|------|-----|

✓ PIP  
8/17  
Hyd; Dm

|         |                                 |     |       |          |
|---------|---------------------------------|-----|-------|----------|
|         | LMNT                            |     |       |          |
| Fd      |                                 | 8/9 | 15225 | bx 9/17  |
| 1902-49 | B7710A2 - Bk <sub>6</sub> - 263 | 8/6 | 15226 |          |
|         | -264                            | 8/8 | 15227 |          |
|         | -265                            | 8/6 | 15228 |          |
|         | -266                            | 8/4 | 15229 |          |
|         | -267                            | 8/6 | 15230 |          |
|         | -268                            | 8/5 | 15231 | ✓<br>Pfr |
|         | -269                            | 8/5 | 15232 | ✓<br>Pfr |

|       |                               |      |          |
|-------|-------------------------------|------|----------|
| 15233 | B7710A2- Bk <sub>6</sub> -270 | 8/5- | 19902-49 |
|-------|-------------------------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 15234 | -271 | 8/10 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 15235 | -272 | 8/4 |  |
|-------|------|-----|--|

|       |      |     |  |
|-------|------|-----|--|
| 15236 | -273 | 8/4 |  |
|-------|------|-----|--|

✓  
P1P

|       |      |     |  |
|-------|------|-----|--|
| 15237 | -274 | 8/4 |  |
|-------|------|-----|--|

✓  
P1P

|       |      |      |  |
|-------|------|------|--|
| 15238 | -275 | 8/12 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 15239 | -276 | 8/6 |  |
|-------|------|-----|--|

|       |      |      |  |
|-------|------|------|--|
| 15240 | -277 | 8/10 |  |
|-------|------|------|--|

902-49

BT710A2-BK<sub>6</sub>-278

8/6

15241

P/p ✓

-279

8/6

15242

✓

Hyg; Dm

P/p

bk 9/17

-280

8/9

15243

-281

8/7

15244

-282

8/7

15245

-283

8/10

15246

✓

P/p

-285

8/6

15247

✓

H<sub>2</sub>H<sub>3</sub>D<sub>MT</sub>

P/p

bk 9/17

-286

8/9

15248



|       |                              |     |          |
|-------|------------------------------|-----|----------|
| 15249 | BT710A2-Bk <sub>6</sub> -287 | 8/8 | 19902-49 |
|-------|------------------------------|-----|----------|

|       |      |     |    |
|-------|------|-----|----|
| 15250 | LBNT | 8/8 | Fd |
|-------|------|-----|----|

bx 9/17

|       |                              |      |          |
|-------|------------------------------|------|----------|
| 15251 | BT710A2-Bk <sub>6</sub> -288 | 8/11 | 19902-49 |
|-------|------------------------------|------|----------|

|       |      |     |  |
|-------|------|-----|--|
| 15252 | -289 | 8/8 |  |
|-------|------|-----|--|

|       |      |      |  |
|-------|------|------|--|
| 15253 | -290 | 8/10 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 15254 | -291 | 8/4 |  |
|-------|------|-----|--|

✓  
p/p

|       |      |     |  |
|-------|------|-----|--|
| 15255 | -292 | 8/5 |  |
|-------|------|-----|--|

|       |      |      |  |
|-------|------|------|--|
| 15256 | -293 | 8/10 |  |
|-------|------|------|--|

✓  
p/p

902-49

B7710A2 - BK6 - 294

8/5

15257

P/P ✓

-295

8/7

15258

-296

8/8

15259

-297

8/3

15260

P/P ✓

-298

8/8

15261

-299

8/7

15262

P/P ✓

-300

8/3

15263

P/P ✓

-301

8/9

15264

15265

B7710A2-BK<sub>6</sub>-302

8/9

19902-49

15266

-303

8/4

15267

-304

8/4

✓  
15268

-305

8/7

✓  
P10

DMT; Lgdy

bx 9/17

15269

-306

8/7

15270

-307

8/10

15271

-308

8/9

15272

-309

8/9



|         |                                 |      |       |         |
|---------|---------------------------------|------|-------|---------|
| 9902-49 | BT710A2 - Bk <sub>6</sub> - 310 | 8/3  | 15273 | P10     |
|         | -311                            | 8/3  | 15274 |         |
| 71      | Costa Rica 1113                 | 8/4  | 15275 | bx 9/17 |
| 9902-49 | BT710A2 - Bk <sub>6</sub> - 312 | 8/9  | 15276 |         |
|         | -313                            | 8/5  | 15277 |         |
|         | -314                            | 8/11 | 15278 |         |
|         | -315                            | 8/6  | 15279 |         |
|         | -316                            | 8/6  | 15280 |         |



15281

BT710A2-BK<sub>6</sub>-317

8/4

19902-49

15282

-318

8/5

✓ pip

15283

-319

8/9

15284

-320

8/6

15285

-321

8/9

15286

-322

8/5

✓ pip

by by; DM

bk 9/17

15287

-323

8/7

15288

-324

8/11

|         |                             |      |                |
|---------|-----------------------------|------|----------------|
| 9402-49 | B7710A2-B <sub>6</sub> -325 | 8/7  | 15289          |
|         | -326                        | 8/4  | 15290<br>P/p ✓ |
|         | -327                        | 8/4  | 15291          |
|         | -328                        | 8/6  | 15292<br>P/p ✓ |
|         | -329                        | 8/7  | 15293<br>P/p ✓ |
|         | -330                        | 8/6  | 15294          |
|         | -331                        | 8/4  | 15295          |
|         | -332                        | 8/13 | 15296          |

|       |                                      |          |
|-------|--------------------------------------|----------|
| 15297 | B771DA2-BK <sub>6</sub> -333<br>8/8- | 19902-49 |
|-------|--------------------------------------|----------|

|       |             |  |
|-------|-------------|--|
| 15298 | -334<br>8/3 |  |
|-------|-------------|--|

|       |             |  |
|-------|-------------|--|
| 15299 | -335<br>8/7 |  |
|-------|-------------|--|

|       |             |  |
|-------|-------------|--|
| 15300 | -336<br>8/9 |  |
|-------|-------------|--|

|       |             |  |
|-------|-------------|--|
| 15301 | -337<br>8/9 |  |
|-------|-------------|--|

|       |             |  |
|-------|-------------|--|
| 15302 | -338<br>8/9 |  |
|-------|-------------|--|

|       |             |  |
|-------|-------------|--|
| 15303 | -339<br>8/9 |  |
|-------|-------------|--|

|       |             |  |
|-------|-------------|--|
| 15304 | -340<br>8/6 |  |
|-------|-------------|--|



|         |                 |      |                            |
|---------|-----------------|------|----------------------------|
| 1902-49 | B7710A2-BK6-341 | 819  | 15305                      |
|         | -342            | 814  | 15306<br>A <sub>10</sub> ✓ |
|         | -343            | 816  | 15307                      |
|         | -344            | 819  | 15308                      |
|         | -345            | 8110 | 15309                      |
|         | -346            | 818  | 15310                      |
|         | -347            | 815  | 15311                      |
|         | -348            | 813  | 15312<br>A <sub>10</sub> ✓ |



15313

BT710A2-BK<sub>6</sub>-349

8/7

19902-49

15314

-350

8/10

15315

-351

8/9

15316

-352

8/9

15317

-353

8/9

15318

-354

8/9

15319

-355

8/11

15320

-356

8/10

902-49

BT710A2 - Bk<sub>6</sub> - 357

8/9

15321

-358

8/7

15322

P<sub>17</sub> ✓

-359

8/8

15323

-360

8/10

15324

BOND

Stg

8/1

15325

bk 9/17

BT710A2 - Bk<sub>6</sub> - 361

902-49

8/9

15326

-362

8/6

15327

-363

8/10

15328

B7710A2-BK<sub>6</sub>-364

15329

8/10

19902-49

15330

-365

8/4

✓  
pip

15331

-366

8/8

15332

-367

8/9

15333

-368

8/5

✓  
pip

15334

-369

8/11

15335

-370

8/5

15336

-371

8/6



|        |                 |      |                |
|--------|-----------------|------|----------------|
| 902-49 | B7710A2-BK6-312 | 8/7  | 15337          |
|        | -313            | 8/6  | 15338          |
|        | -314            | 8/8  | 15339          |
|        | -315            | 8/8  | 15340<br>p10 ✓ |
|        | -316            | 8/10 | 15341          |
|        | -317            | 8/7  | 15342          |
|        | -318            | 8/5  | 15343<br>p10 ✓ |
|        | -319            | 8/8  | 15344          |



15345

BTT10A2-BK<sub>6</sub>-380

8/6

19902-49

✓ Pip

Don; hy hy

bx 9/17

15346

-381

8/6

✓ Pip

15347

-382

8/9

15348

-383

8/10

15349

-384

8/6

✓ Pip

hy hy  
Don

bx 9/17

15350

CICA-6

8/9

137

bx 9/17

15351

BTT10A2-BK<sub>6</sub>-385

8/7

✓ Pip

15352

-386

8/13

|        |                                 |      |                   |
|--------|---------------------------------|------|-------------------|
| 902-49 | BT710A2 - Bk <sub>6</sub> - 387 | 8/6  | 15353<br>✓<br>P/p |
|        | -388                            | 8/7  | 15354<br>✓<br>P/p |
|        | -389                            | 8/8  | 15355             |
|        | -390                            | 8/2  | 15356<br>✓<br>P/p |
|        | -391                            | 8/12 | 15357             |
|        | -392                            | 8/11 | 15358             |
|        | -393                            | 8/8  | 15359             |
|        | -394                            | 8/7  | 15360             |

88  
15361 B7710A2 - Bk<sub>6</sub> - 395 8/10 19902-49

15362 -396 8/6  
✓ Pp Ds; lghy  
bk 9/17

15363 -397 8/16

15364 -398 8/8

15365 -399 8/14

15366 -400 8/8

15367 -401 8/10

✓ Pp

15368 -402 8/11

|         |                                 |      |                  |
|---------|---------------------------------|------|------------------|
| 9902-49 | B7710A2 - Bk <sub>6</sub> - 403 | 8/11 | 1536             |
|         | -404                            | 8/13 | 15370            |
|         | -405                            | 8/8  | 15371            |
|         | -406                            | 8/7  | 15372            |
|         | -407                            | 8/8  | 15373            |
|         | -408                            | 8/8  | 15374            |
|         | lyly<br>Dm                      |      | Pip ✓<br>bk 9/17 |
| 82/2152 |                                 | 8/8  | 15375            |
|         |                                 |      | bk 9/17          |
|         | B7710A2 - Bk <sub>6</sub> - 409 | 8/10 | 15376            |



15377 B7710A2 - Bk<sub>6</sub> - 410 8/9 19902-49

15378 -411 8/8

15379 -412 8/7

15380 -413 8/12

15381 -414 8/12

15382 -415 8/9

15383 -416 8/6

15384 -417 8/3

✓ 8/8

|          |                              |      |         |
|----------|------------------------------|------|---------|
| 19902-49 | B7710A2-BK <sub>6</sub> -418 | 8/13 | 15385   |
|          | -419                         | 8/17 | 15386   |
|          | -420                         | 8/17 | 15387   |
|          |                              |      | Pir ✓   |
|          | -421                         | 8/10 | 15388   |
|          | -422                         | 8/4  | 15389   |
|          | HgHg<br>Ns                   |      | Pir ✓   |
|          |                              |      | bk 9/17 |
|          | -423                         | 8/8  | 15390   |
|          | -424                         | 8/3  | 15391   |
|          | -425                         | 8/3  | 15392   |

|       |                              |     |          |
|-------|------------------------------|-----|----------|
| 15393 | B7710A2-BK <sub>6</sub> -426 | 8/3 | 19902-49 |
|-------|------------------------------|-----|----------|

|       |      |      |  |
|-------|------|------|--|
| 15394 | -427 | 8/12 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 15395 | -428 | 8/12 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 15396 | -429 | 8/6 |  |
|-------|------|-----|--|

✓ P/P

|       |      |      |  |
|-------|------|------|--|
| 15397 | -430 | 8/12 |  |
|-------|------|------|--|

|       |      |     |  |
|-------|------|-----|--|
| 15398 | -431 | 8/9 |  |
|-------|------|-----|--|

|       |      |     |  |
|-------|------|-----|--|
| 15399 | -432 | 8/9 |  |
|-------|------|-----|--|

|       |           |  |             |
|-------|-----------|--|-------------|
| 15400 | PI 408449 |  | 18992-19000 |
|-------|-----------|--|-------------|

bk 9/17

12608

B7725A1-BK-3-2-3-1

15401

DAWN/331581

-2

15402

-3

15403

P/p

-4

15404

12613

B7725A1-BK-7-3-3-1

8/5

15405

-2

8/5

15406

-3

8/8

15407

P/p

bk 9/14

-4

8/5

15408



15409

-5

8/7

15410

B7725A1-Bk-9-1-4-1

8/7

12619

15411

-2

8/8

15412

-3

8/6

Pip:

bk 9/14

15413

-4

8/6

15414

-5

8/10

15415

B7725A1-Bk-9-3-4-1

8/10

12624

15416

-2

8/10

-3

8/12

15417

-4

8/11

15418

B7725A1-BK-10-2-2-1

12633

8/6

15419

b/c 9/14

-2

8/6

15420

-3

8/6

15421

p/6

B7725A1-BK-10-2-4-1

12635

8/5

15422

-2

8/5

15423

p/p

-3

8/6

15424

|      |      |      |      |
|------|------|------|------|
| 5425 | DAWN | 8/14 | 6799 |
|------|------|------|------|

bc 9/14

|      |                     |     |       |
|------|---------------------|-----|-------|
| 5426 | B7725A1-BK-13-2-1-1 | 8/2 | 12637 |
|      | 84/1016             |     | 7057  |

|      |  |     |    |
|------|--|-----|----|
| 5427 |  | 8/4 | -2 |
|------|--|-----|----|

|      |  |     |    |
|------|--|-----|----|
| 5428 |  | 8/4 | -3 |
|------|--|-----|----|

PR

|      |  |     |    |
|------|--|-----|----|
| 5429 |  | 8/2 | -4 |
|------|--|-----|----|

|      |  |     |    |
|------|--|-----|----|
| 5430 |  | 8/5 | -5 |
|------|--|-----|----|

|      |                     |     |       |
|------|---------------------|-----|-------|
| 5431 | B7725A1-BK-13-2-2-1 | 8/5 | 12638 |
|------|---------------------|-----|-------|

P/P

bc 9/14

|      |  |     |    |
|------|--|-----|----|
| 5432 |  | 8/6 | -2 |
|------|--|-----|----|

-3

8/5

15433

B7725A1-BK-14-3-3-1

12644

6960

84/1017

8/5

15434

-2

8/10

15435

-3

8/6

15436

-4

8/6

15437

P/p

bk 9/11

B7725A1-BK-44-3-4-1

12645

8/8

15438

P/p

bk 9/11

-2

8/8

15439

-3

8/10

15440



|         |                     |           |       |
|---------|---------------------|-----------|-------|
| 5441    | B7725A1-BK-14-3-5-1 | 8/5       | 12646 |
| flip    |                     |           |       |
| or 9/14 |                     |           |       |
| 5442    |                     | -2<br>8/6 |       |
| 5443    |                     | -3<br>8/7 |       |
| 5444    |                     | -4<br>8/7 |       |
| 5445    |                     | -5<br>8/6 |       |
| 5446    | B7725A1-BK-19-2-2-1 | 8/3       | 12648 |
|         | 84/1018             |           | 6312  |
| 5447    |                     | -2<br>8/3 |       |
| 5448    |                     | -3<br>8/4 |       |

-4

8/4

15440

-5

8/3

15450

P/p  
b/c 9/1

Fa

BLMT

8/7

15451

b/c 9/14

B7725A1-BK-19-2-5-1

12651

8/4

15452

-2

8/4

15453

P/p

-3

8/4

15454

B7725A1-BK-22-3-3-1

12665

8/10

15455

-2

8/11

15456

15457

-3

8/10

15458

-4

8/10

15459

-5

8/10

15460

BT725A1-BK-22-3-5-1

8/8

12667

15461

-2

8/8

✓ P/P

15462

-3

8/9

15463

-4

8/7

15464

BT725A1-BK-28-3-2-1

8/7

12669

-2

8/9

15465

-3

8/6

15466

Pp

bk 9/14

B7725A1-Bk-30-2-1-1

12679

15467

-2

15468

-3

8/13

15469

B7725A1-Bk-33-2-2-1

12685

8/10

15470

-2

8/9

15471

-3

8/9

15472



15473

-4  
8/9

15474

-5  
8/9

15475

NWBT

8/12

Stg

bx 9/14

15476

BT725A1-Bk-33-2-3-1

8/7

12686

15477

-2  
8/7

15478

-3  
8/5

15479

BT725A1-Bk-33-2-5-1

8/8

12688

15480

bx 9/14  
-2  
8/9

-3

8/9

15481

PIP ✓

B7725A1-BK-37-1-2-1

12695

15482

-2

15483

-3

15484

-4

15485

B7725A1-BK-37-1-3-1

12696

15486

-2

15487

-3

15488

15489

-4

15490

-5

15491

B7725A1-BK-39-3-1-1

8/3

12704

15492

-2

8/2

15493

-3

8/3

15494

-4

8/3

15495

B7725A1-BK-39-3-4-1

8/6

12707

15496

-2

8/5

-3

8/4

15497

-4

8/4

15498

-5

8/3

15499

B7725A1-Bx-43-2-3-1

12711

8/9

15500





C611A = 9881/331581//L-201

B8136A = LBNT/315650//BLMT

B7710A = LBNT/331581

B7725A = DAWN/331581







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

FIELD NOTEBOOK  
AGRONOMIC NOTES

If found, please tie securely and return to

-----  
(Employee's Name)

-----  
(Street Address)

-----  
(City and State)

# SCALE FOR ESTIMATING RUST

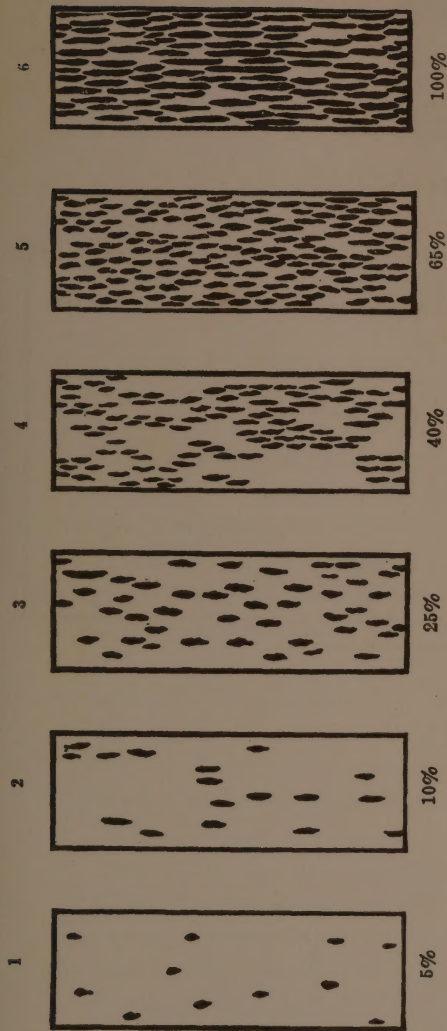


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

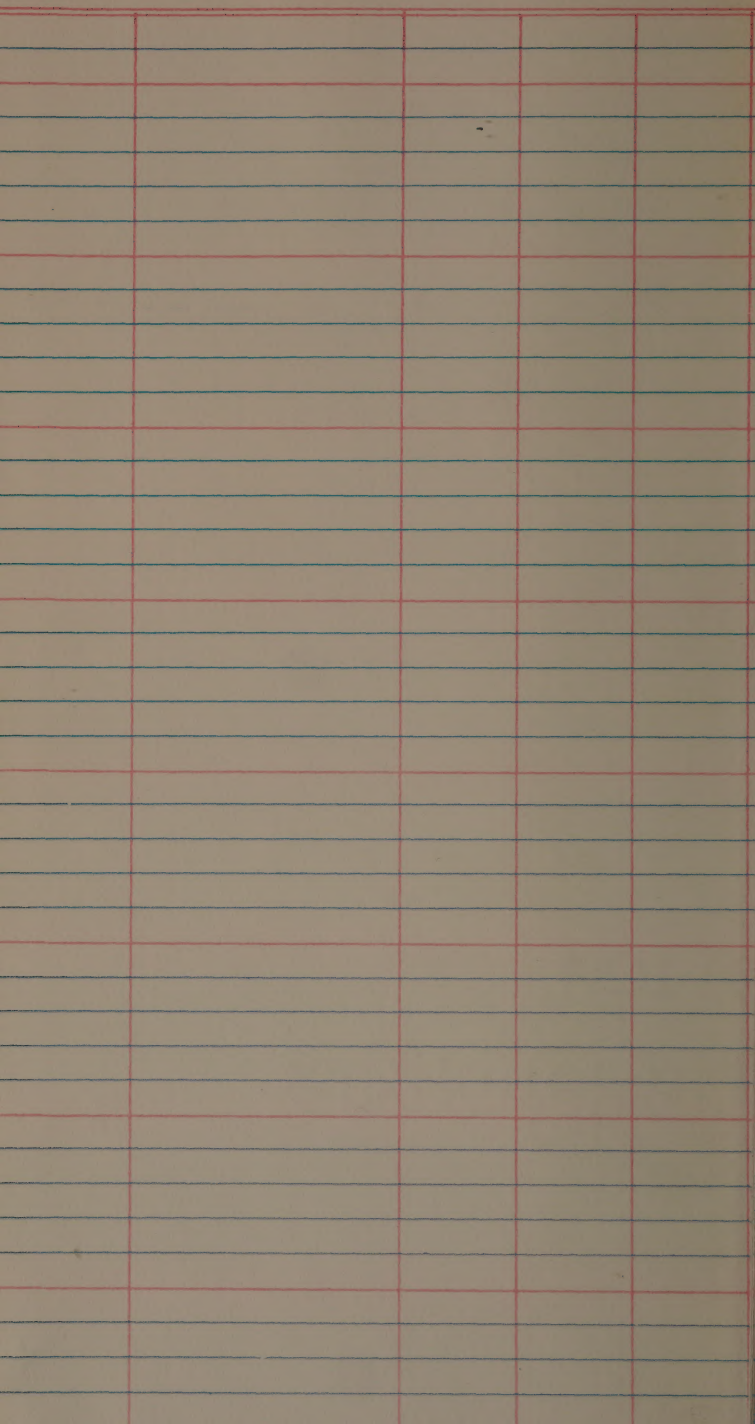
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

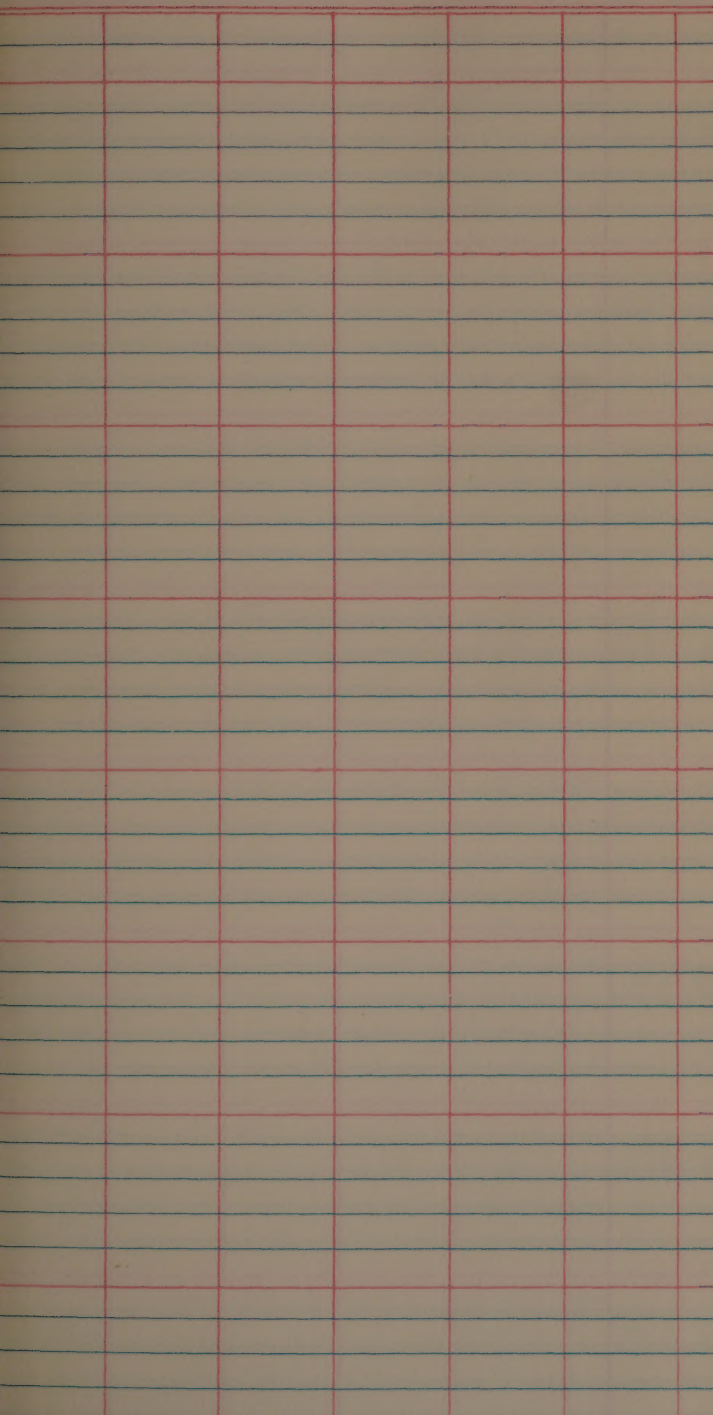
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

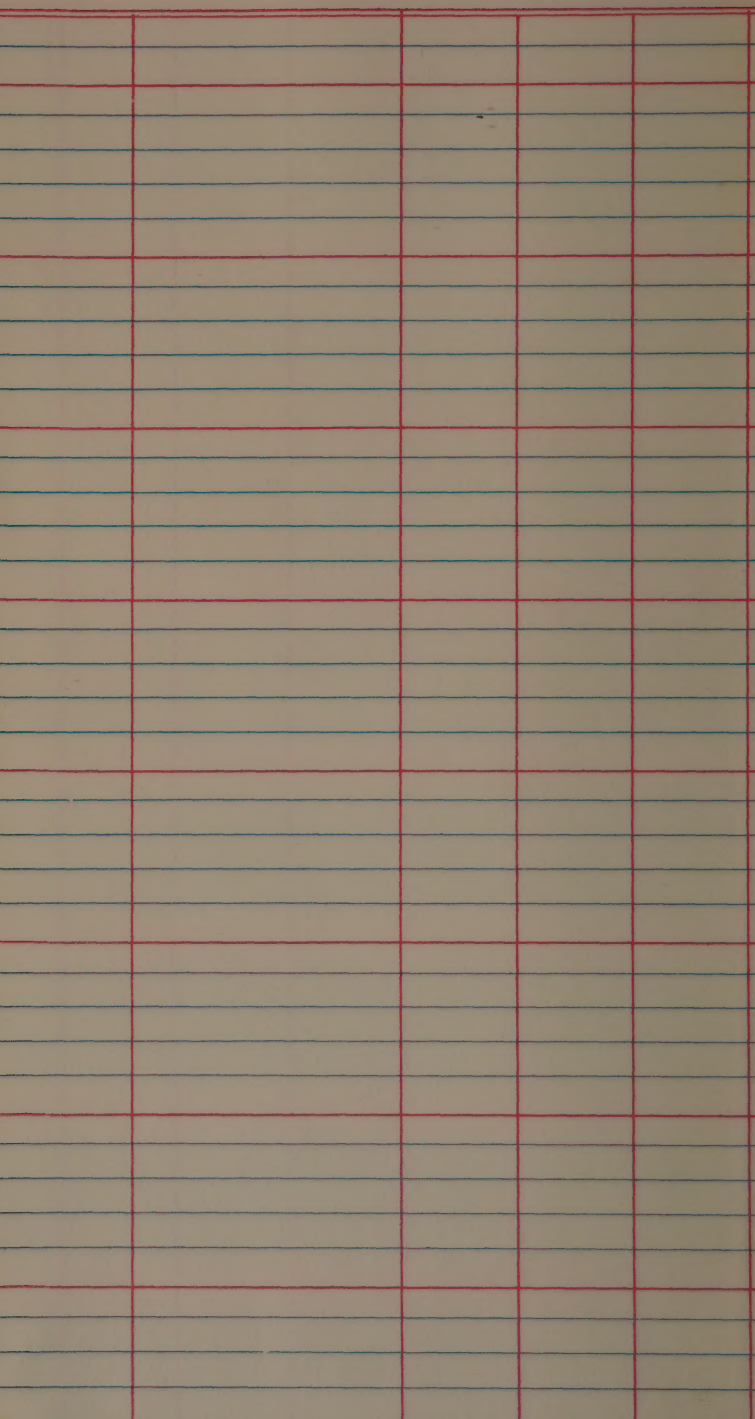


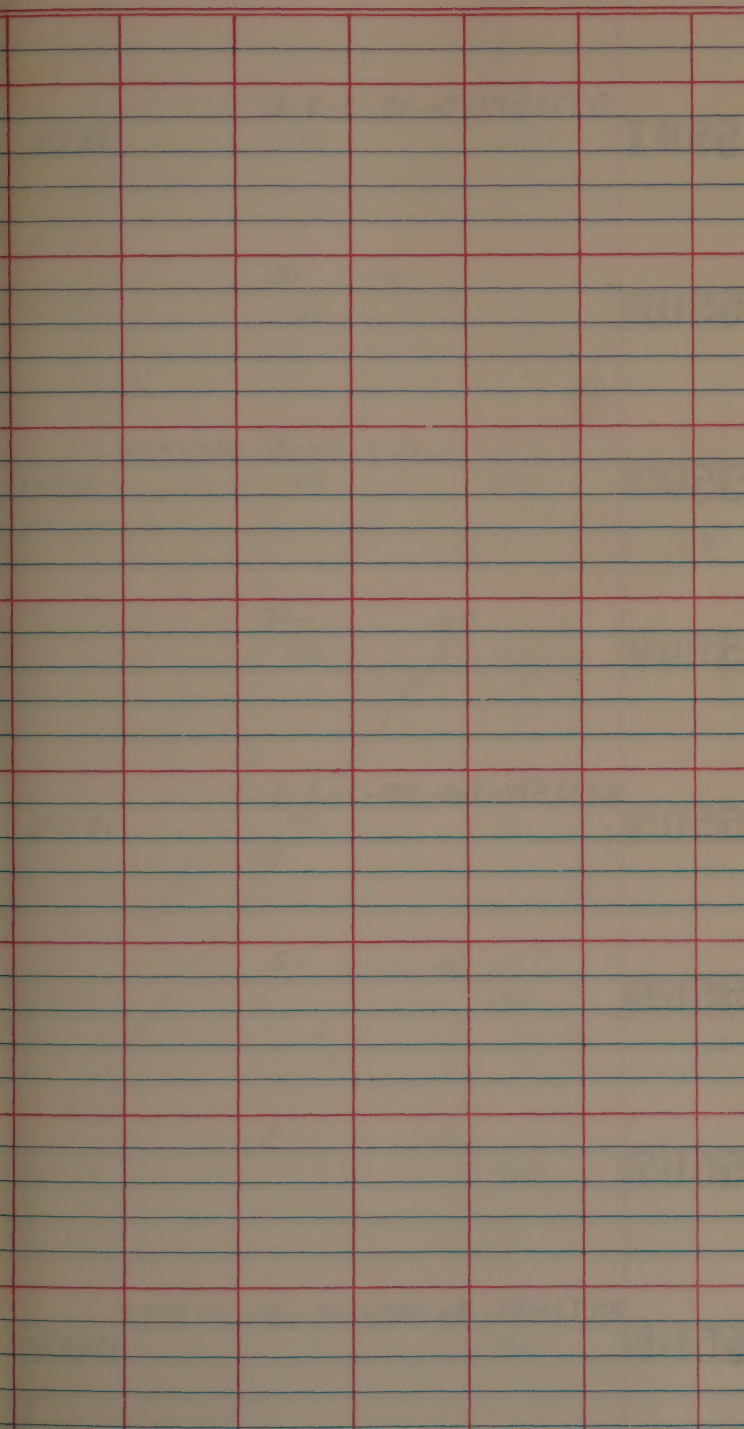














|       |                     |     |       |
|-------|---------------------|-----|-------|
| 15501 | B7725A1-BK-43-2-3-2 | 8/8 | 12711 |
|-------|---------------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 15502 | -3 | 8/6 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 15503 | -4 | 8/9 |  |
|-------|----|-----|--|

✓ P10

|       |    |     |  |
|-------|----|-----|--|
| 15504 | -5 | 8/9 |  |
|-------|----|-----|--|

|       |                     |  |       |
|-------|---------------------|--|-------|
| 15505 | B7725A1-BK-50-2-1-1 |  | 12725 |
|-------|---------------------|--|-------|

|       |    |  |  |
|-------|----|--|--|
| 15506 | -2 |  |  |
|-------|----|--|--|

✓ P10

|       |    |  |  |
|-------|----|--|--|
| 15507 | -3 |  |  |
|-------|----|--|--|

|       |                     |  |       |
|-------|---------------------|--|-------|
| 15508 | B7725A1-BK-50-2-3-1 |  | 12727 |
|-------|---------------------|--|-------|

-2

15509

-3

15510

B7725A1-Bk-52-1-2-1

12731

8/11

15511

-2

8/10

15512

-3

8/11

15513

-4

8/10

15514

-5

8/10

15515

B7725A1-Bk-52-1-3-1

12732

8/10

15516

15517

-2  
8/13

15518

-3  
8/12

15519

B7725A1-13-2-3-1

8/5

12737

Pp  
bx 9/14

15520

-2  
8/11

15521

-3  
8/4

15522

B7725A1-17-1-1-1

12740

15523

-2  
8/5

15524

-3

|       |                  |     |       |                  |
|-------|------------------|-----|-------|------------------|
| 89    | RU8303089        | 8/6 | 15525 | bk 9/14          |
| 12741 | B7725A1-17-1-2-1 | 8/2 | 15526 |                  |
|       | -2               | 8/3 | 15527 |                  |
|       | -3               | 8/4 | 15528 | P/P ✓<br>bk 9/14 |
|       | -4               | 8/6 | 15529 |                  |
|       | -5               | 8/4 | 15530 |                  |
| 12742 | B7725A1-17-1-3-1 | 8/7 | 15531 |                  |
|       | -2               | 8/6 | 15532 | P/P ✓<br>bk 9/14 |



15533

8/8

-3

15534

B7725A1-19-1-1-1

8/2

12751

84/1019

7134

15535

8/3

2

br 9/14

15536

-3

8/3

910

15537

-4

8/3

15538

B7725A1-19-1-2-1

8/2

12752

15539

-2

8/2

15540

-3

8/3

|       |                  |     |       |
|-------|------------------|-----|-------|
| 12753 | B7725A1-19-1-3-1 | 8/1 | 15541 |
|       | -2               | 8/3 | 15542 |
|       | -3               | 8/4 | 15543 |
|       | -4               | 8/3 | 15544 |
| 12754 | B7725A1-19-1-4-1 | 8/3 | 15545 |
|       | -2               | 8/6 | 15546 |
|       | -3               | 8/5 | 15547 |
|       | -4               | 8/5 | 15548 |

|       |      |      |    |
|-------|------|------|----|
| 15549 | LBLE | 7/31 | Fd |
|-------|------|------|----|

bx 9/14

|       |                  |     |       |
|-------|------------------|-----|-------|
| 15550 | BT725A1-22-1-2-1 | 8/4 | 12757 |
|-------|------------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 15551 | -2 | 8/4 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 15552 | -3 | 8/4 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 15553 | -4 | 8/4 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 15554 | -5 | 8/4 |  |
|-------|----|-----|--|

|       |                  |     |       |
|-------|------------------|-----|-------|
| 15555 | BT725A1-22-1-5-1 | 8/4 | 12760 |
|-------|------------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 15556 | -2 | 8/4 |  |
|-------|----|-----|--|

✓ PIP  
bx 9/14

|       |                  |  |    |     |       |
|-------|------------------|--|----|-----|-------|
|       |                  |  |    |     |       |
|       |                  |  | -3 | 8/6 | 15557 |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
| 12767 | B7725A1-26-3-2-1 |  |    | 8/3 | 15558 |
|       |                  |  |    |     |       |
|       |                  |  | -2 | 8/3 | 15559 |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
|       |                  |  | -3 | 8/5 | 15560 |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
|       |                  |  | -4 | 8/2 | 15561 |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
| 12768 | B7725A1-26-3-3-1 |  |    | 8/4 | 15562 |
|       |                  |  |    |     |       |
|       |                  |  | -2 | 8/3 | 15563 |
|       |                  |  |    |     |       |
|       |                  |  |    |     |       |
|       |                  |  | -3 | 8/3 | 15564 |
|       |                  |  |    |     |       |



15565

B7725A1-26-3-5-1

84/1020

8/3

12770

6245

15566

-2

8/4

Pip

bx 9/14

15567

-3

8/5

15568

B7725A1-30-3-3-1

84/1021

8/5

12773

7741

15569

-2

8/3

15570

-3

8/6

15571

B7725A1-30-3-5-1

8/3

12775

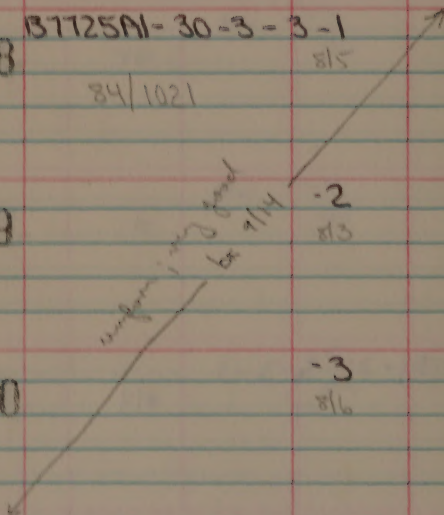
15572

-2

8/5

✓ pip

uniform - very good  
Pip  
bx 9/14



-3

8/4

15573

-4

8/5

15574

-5

8/4

15575

SKBT

Fd

8/4

15576

bk 9/14

B7725A1-31-2-1-1

2777

8/5

15577

8/6

-2

8/6

15578

-3

8/6

15579

B7725A1-31-2-5-1

8/6

15580

2781

15581

-2

8/2

12781

15582

-3

8/2

Pip

15583

B7725A1-33-3-1-1

8/5

12782

15584

-2

8/3

15585

-3

8/4

15586

B7725A1-33-3-3-1

8/5

12784

15587

-2

8/3

15588

-3

8/3

|       |                  |     |       |
|-------|------------------|-----|-------|
| 12787 | B7725A1-36-1-1-1 | 813 | 15589 |
|       | -2               | 813 | 15590 |
|       | -3               | 813 | 15591 |
|       | -4               | 813 | 15592 |
| 2789  | B7725A1-36-1-3-1 | 813 | 15593 |
|       | -2               | 814 | 15594 |
|       | -3               | 814 | 15595 |
| 2794  | B7725A1-39-1-3-1 | 813 | 15596 |



15597

-2  
8/9

15598

-3  
8/6

15599

B7725A1-40-1-1-1

8/4

12797

15600

-2  
8/5

15601

-3  
8/5

15602

B7725A1-40-1-4-1

8/5

12800

15603

-2  
8/3

15604

-3  
8/2

-4

8/2

15605

P/P

-5

8/2

15606

B7725A1-49-2-4-1

12814

8/5

15607

-2

8/8

15608

P/P

bx 9/14

-3

8/8

15609

B7725A1-50-3-1-1

12816

84/1022

8/1

15610

P/P

bx 9/14

-2

8/2

15611

-3

8/1

15612

|       |                  |      |       |
|-------|------------------|------|-------|
| 15613 | B7725A1-50-3-2-1 | 8/11 | 12817 |
|-------|------------------|------|-------|

|       |    |      |  |
|-------|----|------|--|
| 15614 | -2 | 8/13 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 15615 | -3 | 8/14 |  |
|-------|----|------|--|

|       |                  |     |       |
|-------|------------------|-----|-------|
| 15616 | B7725A1-60-2-1-1 | 8/6 | 12821 |
|-------|------------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 15617 | -2 | 8/6 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 15618 | -3 | 8/8 |  |
|-------|----|-----|--|

|       |                  |     |       |
|-------|------------------|-----|-------|
| 15619 | B7725A1-60-2-2-1 | 8/6 | 12822 |
|-------|------------------|-----|-------|

|       |    |     |  |
|-------|----|-----|--|
| 15620 | -2 | 8/6 |  |
|-------|----|-----|--|

bx 9/14

|       |                  |    |     |         |
|-------|------------------|----|-----|---------|
|       |                  | -3 | 816 | 15621   |
| 12825 | B7725A1-60-2-5-1 |    | 813 | 15622   |
|       |                  | -2 | 815 | 15623   |
|       |                  | -3 | 815 | 15624   |
| Cro   | LEAH             |    | 816 | 15625   |
|       |                  |    |     | bk 9/14 |
| 12827 | B7725A1-61-2-1-1 |    | 814 | 15626   |
| 6106  | 84/1023          |    |     |         |
|       |                  | -2 | 814 | 15627   |
|       |                  | -3 | 813 | 15628   |



15629

B7725A1-61-2-2-1

8/5

12828

15630

-2

8/4

15631

-3

8/4

15632

B7725A1-65-2-3-1

8/3

12839

15633

-2

8/2

15634

-3

8/6

15635

B7725A1-65-2-5-1

8/4

12841

15636

-2

8/6

|       |                  |    |     |       |
|-------|------------------|----|-----|-------|
|       |                  | -3 | 8/5 | 15637 |
| 12842 | B7725A1-67-2-1-1 |    | 8/3 | 15638 |
|       |                  | -2 | 8/1 | 15639 |
|       |                  | -3 | 8/3 | 15640 |
| 12843 | B7725A1-67-2-2-1 |    | 8/3 | 15641 |
|       |                  | -2 | 8/3 | 15642 |
|       |                  | -3 | 8/3 | 15643 |
| 12846 | B7725A1-67-2-5-1 |    | 8/3 | 15644 |

15645

-2  
8/3

15646

-3

15647

B7725A1-68-2-1-1

8/5

12847

15648

-2  
8/3

15649

-3  
8/5

15650

L-202

7/31

Biggs

bK 9/14

15651

B7725A1-68-2-4-1

8/6

12850

15652

-2  
8/7

-3

817

15653

BT725A1-10-3-2-1

12854

812

15654

84/1024

-2

813

15655

P/p ✓

bx 9/14

-3

814

15656

BT725A1-10-3-5-1

12857

813

15657

84/316

-2

814

15658

-3

813

15659

P/p ✓

bx 9/14

BT725A1-13-2-1-1

2858

814

15660

84/1025



15661

-2

8/6

15662

-3

8/5

15663

B1725A1-73-2-2-1

8/7

12859

15664

-2

8/5

15665

-3

8/6

15666

B1725A1-76-1-2-1

8/5

12864

15667

-2

8/2

15668

-3

8/3

b1c 9/14

✓ P/P

b1c 9/14

|       |                  |     |                 |
|-------|------------------|-----|-----------------|
| 12876 | B7725A1-81-2-3-1 | 8/5 | 15669           |
| 6106  | 84/1026          |     |                 |
|       | -2               | 8/3 | 15670           |
|       | -3               | 8/3 | 15671           |
|       |                  |     | P/P<br>b/c 9/14 |
| 2877  | B7725A1-81-2-4-1 | 8/4 | 15672           |
|       | -2               | 8/4 | 15673           |
|       | -3               | 8/6 | 15674           |
| 2878  | Toro-2           | 8/8 | 15675           |
|       |                  |     | b/c 9/14        |
| 2879  | B7725A1-82-1-1-1 | 8/7 | 15676           |

15677

-2

8/4

15678

-3

8/4

15679

BT725A1-82-1-5-1

8/4

12883

84/1027

6348

15680

-2

8/3

15681

-3

8/1

15682

BT725A1-93-2-1-1

8/2

12884

84/1028

7351

15683

-2

8/4

15684

-3

8/3

|         |                  |    |     |       |                     |
|---------|------------------|----|-----|-------|---------------------|
|         |                  |    |     |       |                     |
|         | B7725A1-93-2-4-1 |    |     |       |                     |
| 12887   |                  |    | 8/3 | 15685 |                     |
|         |                  |    |     |       |                     |
|         |                  | -2 |     |       |                     |
|         |                  |    | 8/3 | 15686 |                     |
|         |                  |    |     |       |                     |
|         |                  | -3 |     |       |                     |
|         |                  |    | 8/4 | 15687 |                     |
|         |                  |    |     |       |                     |
|         | B7725A1-98-3-3-1 |    |     |       |                     |
| 12896   |                  |    | 8/5 | 15688 |                     |
|         |                  |    |     |       | ✓<br>p/p<br>bc 9/14 |
|         |                  | -2 |     |       |                     |
|         |                  |    | 8/3 | 15689 |                     |
|         |                  |    |     |       |                     |
|         |                  | -3 |     |       |                     |
|         |                  |    | 8/3 | 15690 |                     |
|         |                  |    |     |       |                     |
|         | B7725A1-Bky-     |    |     |       |                     |
| 2905-29 |                  |    | 8/4 | 15691 |                     |
|         |                  |    |     |       |                     |
|         |                  |    |     |       |                     |
|         |                  |    | 8/8 | 15692 |                     |



|       |              |      |          |
|-------|--------------|------|----------|
| 15693 | B7725A1-Bry- | 8/8  | 12905-29 |
| 15694 |              | 8/3  |          |
| 15695 |              | 8/5  |          |
| 15696 |              | 8/3  |          |
| ✓ Pp  |              |      |          |
| 15697 |              | 8/3  |          |
| ✓ Pp  |              |      |          |
| 15698 |              | 8/8  |          |
| 15699 |              | 8/5  |          |
| ✓ Pp  |              |      |          |
| 15700 |              | 8/10 |          |

B7725A1-Bk4-  
2905-29

8/9

15701

8/11

15702

8/2

15703

8/2

15704  
rip ✓

8/4

15705

8/5

15706

8/5

15707  
rip ✓

8/4

15708

|       |              |     |          |
|-------|--------------|-----|----------|
| 15709 | B7725A1-Bky- | 8/5 | 12905-29 |
|-------|--------------|-----|----------|

|       |  |     |  |
|-------|--|-----|--|
| 15710 |  | 8/6 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 15711 |  | 8/6 |  |
|-------|--|-----|--|

✓  
P/P

bK 9/14

|       |  |     |  |
|-------|--|-----|--|
| 15712 |  | 8/7 |  |
|-------|--|-----|--|

✓

P/P

|       |  |     |  |
|-------|--|-----|--|
| 15713 |  | 8/8 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 15714 |  | 8/3 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 15715 |  | 8/5 |  |
|-------|--|-----|--|

✓  
P/P

|       |  |     |  |
|-------|--|-----|--|
| 15716 |  | 8/8 |  |
|-------|--|-----|--|

B7725A1-Bky-

2905-29

8/9

15717

8/4

very good

15718

pip

b/c 9/14

8/8

very good

15719

pip

b/c 9/14

8/7

15720

8/11

15721

8/3

very good

15722

pip

b/c 9/14

8/6

15723

8/2

15724



|       |     |     |      |
|-------|-----|-----|------|
| 15725 | DLA | 8/7 | 8021 |
|-------|-----|-----|------|

bx 9/14

|       |              |     |          |
|-------|--------------|-----|----------|
| 15726 | B7725A1-Bky- | 8/6 | 12905-29 |
|-------|--------------|-----|----------|

✓  
P/P

|       |  |     |  |
|-------|--|-----|--|
| 15727 |  | 8/7 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 15728 |  | 8/4 |  |
|-------|--|-----|--|

✓  
P/P  
bx 9/14

|       |  |     |  |
|-------|--|-----|--|
| 15729 |  | 8/4 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 15730 |  | 8/7 |  |
|-------|--|-----|--|

✓  
P/P

|       |  |     |  |
|-------|--|-----|--|
| 15731 |  | 8/6 |  |
|-------|--|-----|--|

✓  
P/P

|       |  |     |  |
|-------|--|-----|--|
| 15732 |  | 8/7 |  |
|-------|--|-----|--|

✓  
P/P  
bx 9/14

B7725A1-Bk4-

905-29

8/7

15733

8/10 ✓

8/11

15734

8/10

15735

8/7

15736

8/8

15737

8/11

15738

8/8

15739

8/4

15740

8/10 ✓

bx 9/14

|         |               |      |          |
|---------|---------------|------|----------|
| 15741   | BT725A1- Bky- | 8/3  | 12905-29 |
| ✓ PIP   |               |      |          |
| 15742   |               | 8/10 |          |
| 15743   |               | 8/7  |          |
| ✓ PIP   |               |      |          |
| 15744   |               | 8/7  |          |
| 15745   |               | 8/5  |          |
| ✓ PIP   |               |      |          |
| 15746   |               | 8/8  |          |
| 15747   |               | 8/8  |          |
| ✓ PIP   |               |      |          |
| bk 9/14 |               |      |          |
| 15748   |               | 8/10 |          |

2905-29 B7725A1-Bky-

8/7

15740

p/p

b/c 9/14

CB801

8/9

15750

b/c 9/14

2905-29 B7725A1-Bky-

8/6

15751

8/5

15752

p/p

8/6

15753

8/11

15754

8/10

15755

8/14

15756



|                     |                |      |          |  |
|---------------------|----------------|------|----------|--|
|                     |                |      |          |  |
| 15757               | B7725A1-Bray - | 8/8- | 12903-29 |  |
| ✓<br>P/p            |                |      |          |  |
| 15758               |                | 8/11 |          |  |
| 15759               |                | 8/6  |          |  |
| 15760               |                | 8/10 |          |  |
| ✓<br>P/p            |                |      |          |  |
| 15761               |                | 8/6  |          |  |
| ✓<br>P/p<br>br 9/14 |                |      |          |  |
| 15762               |                | 8/8  |          |  |
| 15763               |                | 8/6  |          |  |
| 15764               |                |      |          |  |

37725A1-Bky-  
905-29

8/14

15765

8/13

15766

8/11

15767

8/11

15768

8/9

15769

P/P ✓

b/c 9/14

8/7

15770

P/P ✓

b/c 9/14

8/9

15771

P/P ✓

8/11

15772

|       |              |     |          |
|-------|--------------|-----|----------|
| 15773 | B7725A1-Bky- | 8/4 | 12905-29 |
|-------|--------------|-----|----------|

✓ PIP

|       |  |     |  |
|-------|--|-----|--|
| 15774 |  | 8/9 |  |
|-------|--|-----|--|

|       |      |      |    |
|-------|------|------|----|
| 15775 | LMNT | 8/11 | Fd |
|-------|------|------|----|

bK 9/14

|       |              |     |  |
|-------|--------------|-----|--|
| 15776 | B7725A1-Bky- | 8/6 |  |
|-------|--------------|-----|--|

✓ PIP

|       |  |     |  |
|-------|--|-----|--|
| 15777 |  | 8/4 |  |
|-------|--|-----|--|

✓ PIP

bK 9/14

|       |  |     |  |
|-------|--|-----|--|
| 15778 |  | 8/7 |  |
|-------|--|-----|--|

✓ PIP

|       |  |      |  |
|-------|--|------|--|
| 15779 |  | 8/12 |  |
|-------|--|------|--|

|       |  |     |  |
|-------|--|-----|--|
| 15780 |  | 8/4 |  |
|-------|--|-----|--|

✓ PIP

B7725M - Bky -

2905-29

8/4

15781

p/p

8/10

15782

8/5

15783

8/8

15784

8/8

15785

very good

p/p

bx 9/14

8/6

15786

p/p

8/8

15787

8/6

15788

p/p



|       |                 |  |  |          |
|-------|-----------------|--|--|----------|
| 15789 | B7725A1 - Bk4 - |  |  | 12905-29 |
|-------|-----------------|--|--|----------|

|       |  |  |  |  |
|-------|--|--|--|--|
| 15790 |  |  |  |  |
|-------|--|--|--|--|

|       |  |      |  |  |
|-------|--|------|--|--|
| 15791 |  | 8/13 |  |  |
|-------|--|------|--|--|

|       |  |      |  |  |
|-------|--|------|--|--|
| 15792 |  | 8/14 |  |  |
|-------|--|------|--|--|

|       |  |      |  |  |
|-------|--|------|--|--|
| 15793 |  | 8/10 |  |  |
|-------|--|------|--|--|

|       |  |      |  |  |
|-------|--|------|--|--|
| 15794 |  | 8/13 |  |  |
|-------|--|------|--|--|

|       |  |      |  |  |
|-------|--|------|--|--|
| 15795 |  | 8/11 |  |  |
|-------|--|------|--|--|

|       |  |      |  |  |
|-------|--|------|--|--|
| 15796 |  | 8/13 |  |  |
|-------|--|------|--|--|

Seeded 5/16/84

S-5, 9W

20

many B667A lines look very good; very early; grain  
often too small?; why would S&P yields be better?  
seedling nursery lines do not show the severe bottom collapse  
like in the S&P plots! why?

B7725A1-BK4-

2905-29

15797

8/9

15798

11p

box 9/14

8/12

15799

8/14

15800

C667A-2-2-5-1

3752

7/31

15801

SKBT // SSD / SSS

-2

7/30

15802

-3

8/1

15803

-4

7/30

15804

15805

-5

7/29

15806

C667A-3-5-4-1

7/29

3756

15807

-2

7/30

15808

-3

7/31

15809

-4

7/29

15810

-5

7/30

15811

C667A-4-3-3-1

7/28

3760

15812

-2

7/28

-3

7/29

15813

-4

7/28

15814

-5

7/28

15815

C667A-4-3-4-1

3761

7/28

15816

-2

7/29

15817

-3

7/30

15818

-4

7/29

15819

-5

7/29

15820



|          |               |       |  |      |
|----------|---------------|-------|--|------|
|          |               |       |  |      |
| 15821    | C667A-6-4-5-1 | 7/29- |  | 3772 |
| Pip      |               |       |  |      |
|          | -2            |       |  |      |
| 15822    |               | 7/29  |  |      |
|          |               |       |  |      |
|          | -3            |       |  |      |
| 15823    |               | 7/30  |  |      |
|          |               |       |  |      |
|          | -4            |       |  |      |
| 15824    |               | 7/31  |  |      |
|          |               |       |  |      |
|          | -5            |       |  |      |
| 15825    |               | 7/30  |  |      |
|          |               |       |  |      |
|          |               |       |  |      |
| 15826    | SSD/SSS       | 8/14  |  | 9226 |
| bic 9/13 |               |       |  |      |
|          |               |       |  |      |
| 15827    | C667A-9-2-3-1 | 7/31  |  | 3775 |
|          |               |       |  |      |
|          | -2            |       |  |      |
| 15828    |               |       |  |      |

|      |                |      |              |
|------|----------------|------|--------------|
|      | -3             | 7/31 | 15829        |
|      | -4             | 8/1  | 15830<br>PIP |
|      | -5             | 7/31 | 15831        |
| 3780 | C667A-11-2-2-1 | 7/28 | 15832        |
|      | -2             | 7/28 | 15833        |
|      | -3             | 7/28 | 15834        |
|      | -4             | 7/28 | 15835<br>PIP |
|      | -5             | 7/28 | 15836        |

15837

C667A-11-5-1-1

7/28

3784

15838

-2

7/28

15839

-3

2/13

7/28

15840

-4

7/28

15841

-5

7/28

15842

C667A-13-5-2-1

7/30

3790

15843

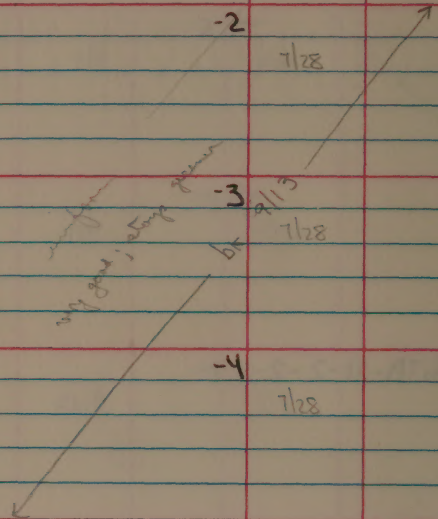
-2

7/30

15844

-3

7/31



|      |                |    |      |       |        |
|------|----------------|----|------|-------|--------|
|      |                | -4 | 7/29 | 15845 | 8/10 ✓ |
|      |                | -5 | 7/31 | 15846 |        |
| 3795 | C667A-16-4-2-1 |    | 8/1  | 15847 |        |
|      |                | -2 | 7/29 | 15848 | 8/10 ✓ |
|      |                | -3 | 8/1  | 15849 |        |
|      |                | -4 | 8/2  | 15850 |        |
|      |                | -5 | 8/1  | 15851 |        |
| Fd   | SKBT           |    | 8/4  | 15852 | 8/12   |



15853

C667A-17-1-2-1

7/29

3800

15854

-2

7/29

15855

-3

7/29

15856

-4

7/29

15857

-5

7/29

15858

C667A-17-5-2-1

7/29

3805

15859

-2

7/28

15860

-3

7/30

-4

7/29

15861

-5

7/29

15862

C667A-26-1-4-1

3822

7/29

15863

-2

7/30

15864

✓  
PIP

-3

7/30

15865

-4

8/1

15866

-5

8/2

15867

C667A-26-2-1-1

3825

7/31

15868

15869

-2  
8/2

15870

-3  
8/2

15871

-4  
8/2

15872

-5  
8/2

15873

BOND

8/1

Stg

bk 9/13

15874

C667A-26-5-5-1

8/1

3834

15875

-2  
8/1

15876

-3  
8/1

|      |                |      |       |       |
|------|----------------|------|-------|-------|
|      | -4             | 7/30 | 15877 | ep    |
|      | br 9/13        |      |       |       |
|      | -5             | 7/31 | 15878 |       |
| 3835 | C667A-29-1-1   | 7/29 | 15879 |       |
|      | -2             | 7/30 | 15880 | Pip ✓ |
|      | -3             | 7/30 | 15881 |       |
|      | -4             | 7/30 | 15882 |       |
|      | -5             | 7/31 | 15883 |       |
| 3848 | C667A-32-2-4-1 | 7/29 | 15884 | 1/p ✓ |
|      | br 9/13        |      |       |       |



15885

-2

7/29

15886

-3

7/29

15887

-4

7/29

15888

-5

7/28

15889

C667A-35-3-3-1

7/28

3853

15890

-2

7/28

15891

-3

7/29

15892

-4

8/2

-5

7/29

15893

C667A-36-2-1-1

3856

8/1

15894

bk 9/13

-2

8/1

15895

-3

8/2

15896

-4

7/31

15897

-5

7/31

15898

C667A-36-2-2-1

3857

7/31

15899

-2

8/1

15900

15901

-3

7/31

15902

-4

8/2

15903

-5

7/31

15904

C667A-41-5-2-1

7/29

3862

15905

-2

7/30

15906

-3

7/29

15907

-4

7/29

15908

-5

7/29

pip

|      |                |    |      |       |     |
|------|----------------|----|------|-------|-----|
|      |                |    |      |       |     |
| 3867 | C667A-43-2-2-1 |    | 7/30 | 15909 |     |
|      |                | -2 | 7/29 | 15910 | rip |
|      |                | -3 | 8/1  | 15911 |     |
|      |                | -4 | 7/30 | 15912 |     |
|      |                | -5 | 7/31 | 15913 |     |
| 3870 | C667A-43-2-5-1 |    | 7/29 | 15914 |     |
|      |                | -2 | 7/29 | 15915 |     |
|      |                | -3 | 7/29 | 15916 |     |



15917

-4

7/29

15918

-5

7/31

15919

C667A-43-3-5-1

7/29

3875

15920

-2

7/29

15921

-3

7/29

15922

-4

7/29

15923

-5

7/29

15924

LMNT

2/8

Fd

bic 9/13

|      |                      |      |             |
|------|----------------------|------|-------------|
| 3878 | C667A-44-2-2-1       | 7/28 | 15925       |
|      | <i>very good raw</i> |      | <i>8/10</i> |
|      | -2                   | 7/30 | 15926       |
|      | -3                   | 7/30 | 15927       |
|      | -4                   | 7/31 | 15928       |
|      | -5                   | 7/30 | 15929       |
| 3880 | C667A-44-2-4-1       | 7/30 | 15930       |
|      | -2                   | 8/2  | 15931       |
|      | -3                   | 8/1  | 15932       |

15933

-4

7/31

15934

-5

8/1

15935

C667A-45-1-1-1

7/29

3882

15936

-2

7/29

15937

-3

7/31

15938

-4

7/30

15939

-5

7/29

15940

C667A-45-2-5-1

7/29

3891

-2

7/30

15941

-3

7/29

15942

-4

7/30

15943

-5

7/31

15944

C667A-51-5-1-1

3897

8/2

15945

P/P ✓

bxc 9/13

-2

8/2

15946

-3

8/4

15947

-4

8/6

15948



15949

-5

8/5

15950

LBLE

8/1

Fd

bk 9/13

15951

C66TA-52-2-2-1

7/29

3903

15952

-2

7/30

15953

-3

7/30

✓  
PIP

15954

-4

7/29

15955

-5

7/29

15956

C66TA-53-1-4-1

8/1

3910

-2

7/29

15957

-3

7/29

15958

P/p

box 9/13

-4

8/1

15959

-5

8/1

15960

C667A-53-1-5-1

3911

7/30

15961

-2

7/29

15962

-3

7/30

15963

P/p

-4

7/29

15964

15965

-5

8/1

15966

C667A-55-1-3-1

8/7

3919

15967

-2

8/2

15968

-3

8/1

15969

-4

8/3

15970

-5

8/2

15971

C667A-56-4-2-1

8/2

3923

15972

-2

8/2

-3

8/1

15973

-4

8/2

15974

-5

8/1

15975

P/8

bk 9/13

LEAH

Cro

8/8

15976

bk 9/13

C667A-58-1-1-1

3928

8/2

15977

-2

8/2

15978

-3

8/2

15979

-4

8/2

15980

P/P



15981

-5

7/30-

15982

C667A-58-2-4-1

7/29

3936

15983

-2

7/28

15984

-3

7/29

✓  
P/P-  
bk 9/13  
15985

-4

7/28

15986

-5

7/29

15987

C667A-59-3-2-1

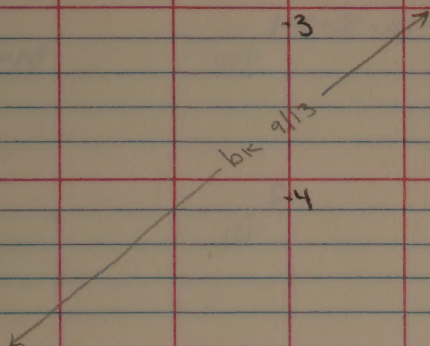
7/29

3939

15988

-2

7/30



7/29

15989

7/29

15990

P18

7/29

15991

C667A-59-3-5-1

3942

7/29

15992

P18

-2

7/29

15993

-3

7/29

15994

-4

7/29

15995

-5

7/29

15996

|                   |                |      |      |
|-------------------|----------------|------|------|
| 15997             | C667A-60-5-2-1 | 7/30 | 3944 |
| ✓ P/P<br>b/c 9/13 |                |      |      |
| 15998             | -2             | 7/31 |      |
|                   |                |      |      |
| 15999             | -3             | 8/1  |      |
|                   |                |      |      |
| 16000             | -4             | 8/4  |      |
|                   |                |      |      |
| 16001             | -5             | 8/3  |      |
|                   |                |      |      |
| 16002             | C667A-60-5-4-1 | 7/30 | 3946 |
|                   |                |      |      |
| 16003             | -2             | 8/3  |      |
|                   |                |      |      |
| 16004             | -3             | 8/2  |      |

|      |                |    |      |       |          |
|------|----------------|----|------|-------|----------|
|      |                | -4 | 8/2  | 16005 | ✓<br>P/P |
|      |                | -5 | 8/2  | 16006 |          |
| 3951 | C667A-62-1-4-1 |    | 8/2  | 16007 |          |
|      |                | -2 | 8/2  | 16008 |          |
|      |                | -3 | 8/1  | 16009 |          |
|      |                | -4 | 7/31 | 16010 |          |
|      |                | -5 | 8/2  | 16011 |          |
| 3956 | C667A-62-4-3-1 |    | 7/29 | 16012 |          |



16013

-2  
7/30

16014

-3  
7/29

16015

-4  
7/29

16016

-5  
7/30

16017

C667A-62-4-5-1

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3958

16018

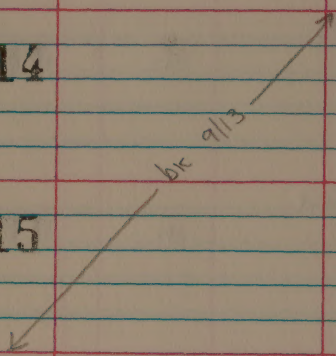
-2 8/2

16019

-3  
7/29

16020

-4  
7/29



|      |                |    |      |                   |
|------|----------------|----|------|-------------------|
|      |                | -5 | 7/30 | 16021             |
| 3960 | C667A-64-5-2-1 |    | 8/1  | 16022             |
|      |                | -2 | 8/4  | 16023             |
|      |                | -3 | 8/3  | 16024<br>P/P ✓    |
|      |                | -4 | 8/3  | 16025             |
|      |                | -5 | 8/3  | 16026             |
| Fd   | LBNT           |    | 8/3  | 16027<br>bis 9/13 |
| 3970 | C667A-65-4-2-1 |    | 8/1  | 16028             |

16029

-2  
8/30

16030

-3  
7/30

16031

-4  
7/29

16032

-5  
7/29

✓  
PR  
bk 9/13  
16033

C667A-66-4-4-1

7/28

3978

16034

-2  
7/28

16035

-3  
7/30

✓  
P/g  
16036

-4  
7/29

|      |                |    |      |                          |
|------|----------------|----|------|--------------------------|
|      |                | -5 | 7/29 | 16037                    |
| 3980 | C667A-68-1-1-1 |    | 7/29 | 16038<br>P/P<br>b/c 9/13 |
|      |                | -2 | 7/31 | 16039                    |
|      |                | -3 | 7/31 | 16040                    |
|      |                | -4 | 7/31 | 16041                    |
|      |                | -5 | 7/30 | 16042                    |
| 3981 | C667A-68-1-2-1 |    | 7/29 | 16043                    |
|      |                | -2 | 7/28 | 16044                    |



16045

-3

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16046

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16047

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16048

C667A-68-3-4-1

7/31

3988

16049

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7/30

16050

-3

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16051

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7/30

16052

-5

7/31

b/c 7/13

|      |                |    |      |       |         |
|------|----------------|----|------|-------|---------|
|      |                |    |      |       |         |
| Fd   | BLMT           |    | 8/7  | 16053 |         |
|      |                |    |      |       | bx 9/13 |
| 3991 | C667A-72-1-2-1 |    | 7/30 | 16054 |         |
|      |                | -2 | 7/30 | 16055 |         |
|      |                | -3 | 7/30 | 16056 | P/10    |
|      |                | -4 | 7/28 | 16057 |         |
|      |                | -5 | 7/30 | 16058 |         |
| 4000 | C667A-73-3-1-1 |    | 7/30 | 16059 |         |
|      |                | -2 | 8/2  | 16060 |         |

16061

-3

8/2

16062

-4

7/31

16063

-5

7/31

16064

C66TA-73-3-3-1

8/2

4002

16065

-2

8/2

16066

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16067

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16068

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C667A-73-4-4-1

4008

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16069

-2

8/1

16070

-3

7/30

16071

-4

7/31

16072

-5

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16073

RV8003005

3

8/2

16074

bis 9/13

C667A-74-4-2-1

4011

8/3

16075

-2

8/3

16076



6077

-3

8/3 -

6078

-4

8/5

6079

-5

8/2

6080

C667A-74-4-5-1

8/4

4014

6081

-2

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6082

-3

8/2

6083

-4

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6084

-5

8/2

|      |                |      |       |
|------|----------------|------|-------|
| 4016 | C667A-77-1-2-1 | 8/4  | 16085 |
|      | -2             | 8/2  | 16086 |
|      | -3             | 7/30 | 16087 |
|      | -4             | 8/2  | 16088 |
|      | -5             | 7/30 | 16089 |
| 4024 | C667A-77-2-5-1 | 8/2  | 16090 |
|      | -2             | 8/2  | 16091 |
|      | -3             | 8/1  | 16092 |

16093

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16094

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16095

C667A-79-4-5-1

7/31

4030

16096

-2

7/29

16097

-3

7/31

16098

-4

8/3

16099

-5

8/2

16100

C667A-80-5-1-1

8/3

4031

|      |                |    |      |                           |
|------|----------------|----|------|---------------------------|
|      |                | -2 | 8/2  | 16101                     |
|      |                | -3 | 8/2  | 16102                     |
|      |                | -4 | 8/3  | 16103<br>PIP ✓<br>br 9/13 |
|      |                | -5 | 8/3  | 16104                     |
| 4039 | C667A-83-1-4-1 |    | 7/31 | 16105                     |
|      |                | -2 | 8/2  | 16106                     |
|      |                | -3 | 7/30 | 16107<br>PIP ✓            |
|      |                | -4 | 8/2  | 16108                     |



|                     |                        |  |      |
|---------------------|------------------------|--|------|
| 16109               | -5<br>7/29             |  |      |
| 16110               | C66TA-83-1-5-1<br>7/29 |  | 4040 |
| 16111               | -2<br>7/31             |  |      |
| 16112               | -3<br>7/29             |  |      |
| 16113               | -4<br>7/29             |  |      |
| ✓<br>P/r<br>bk 9/13 | -5                     |  |      |
| 16114               | 7/30                   |  |      |
| 16115               | C66TA-84-1-1-1<br>8/1  |  | 4041 |
| 16116               | -2<br>8/2              |  |      |

-3

8/1

16117

-4

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16118

P/1

-5

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16119

C667A-BK-1-5-1

4050

8/3

16120

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8/5

16121

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16122

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16123

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8/3

16124

P/1

|       |                |      |      |      |
|-------|----------------|------|------|------|
|       |                |      |      |      |
| 16125 | RU8003009      | 8/2  |      | 9    |
|       | bk 9/13        |      |      |      |
| 16126 | C667A-BK-5-1-1 | 8/2  |      | 4052 |
|       |                |      |      |      |
| 16127 |                | -2   | 7/31 |      |
|       |                |      |      |      |
| 16128 |                | -3   | 7/31 |      |
|       |                |      |      |      |
| 16129 |                | -4   | 8/1  |      |
|       | ✓ PIP          |      |      |      |
| 16130 |                | -5   | 8/4  |      |
|       |                |      |      |      |
| 16131 | C667A-BK-9-2-1 | 7/30 |      | 4058 |
|       |                |      |      |      |
| 16132 |                | -2   | 7/31 |      |
|       | ✓ PIP          |      |      |      |

-3

8/2

16133

-4

7/31

16134

-5

7/31

16135

CG67A-BK-13-1-1

4062

8/2

16136

-2

7/30

16137

-3

7/31

16138

-4

8/2

16139

-5

7/31

16140



|       |                 |      |      |
|-------|-----------------|------|------|
| 16141 | C667A-BK-13-5-1 | 7/30 | 4066 |
|-------|-----------------|------|------|

✓ Pip  
bk 9/13

|       |    |     |  |
|-------|----|-----|--|
| 16142 | -2 | 8/2 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16143 | -3 | 8/2 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16144 | -4 | 8/2 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16145 | -5 | 8/3 |  |
|-------|----|-----|--|

|       |                 |     |      |
|-------|-----------------|-----|------|
| 16146 | C667A-BK-18-4-1 | 8/3 | 4070 |
|-------|-----------------|-----|------|

|       |    |     |  |
|-------|----|-----|--|
| 16147 | -2 | 8/3 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16148 | -3 | 8/2 |  |
|-------|----|-----|--|

-4

7/31

16149

-5

8/2

16150

TBNT

Stg

8/4

16151

b/c 9/13

C667A-BK-20-4-1

4075

8/6

16152

-2

8/5

16153

-3

8/2

16154

8/18

-4

8/4

16155

-5

8/5

16156

|       |                 |     |      |
|-------|-----------------|-----|------|
| 16157 | C667A-BK-21-1-1 | 8/5 | 4078 |
|-------|-----------------|-----|------|

|       |    |     |  |
|-------|----|-----|--|
| 16158 | -2 | 8/3 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16159 | -3 | 8/5 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16160 | -4 | 8/3 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16161 | -5 | 8/3 |  |
|-------|----|-----|--|

|       |                 |     |      |
|-------|-----------------|-----|------|
| 16162 | C667A-BK-21-5-1 | 8/2 | 4082 |
|-------|-----------------|-----|------|

|       |    |     |  |
|-------|----|-----|--|
| 16163 | -2 | 8/2 |  |
|-------|----|-----|--|

|       |    |     |  |
|-------|----|-----|--|
| 16164 | -3 | 8/2 |  |
|-------|----|-----|--|

✓ PIP



-4

8/2

16165

-5

8/3

16166

C667A-Bx-25-2-1

4084

8/3

16167

-2

8/4

16168

-3

8/4

16169

-4

8/4

16170

-5

8/2

16171

C667A-Bx-25-5-1

4087

8/2

16172



6173

-2

7/30

6174

-3

7/30

6175

-4

7/30

6176

-5

7/30

6177

Toro-2

8/11

Cro

6178

C667A-BK-26-3-1

8/2

4090

6179

-2

8/2

6180

-3

8/1

-4

7/30

16181

Pip

bx 9/13

-5

8/2

16182

C667A-Bk-27-1-1

4093

7/31

16183

-2

7/31

16184

-3

7/31

16185

-4

8/3

16186

-5

8/2

16187

C667A-Bk-31-2-1

4099

7/30

16188

Pip

16189

-2

8/2

16190

-3

8/1

16191

-4

8/3

16192

-5

7/31

16193

C667A-BK-33-1-1

8/2

4103

16194

-2

7/31

16195

-3

8/2

16196

-4

7/31

✓ 8/18



-5

7/30

16197

C667A-Bk-36-4-1

4111

7/30

16198

 $\pm$  84/930

-2

8/1

16199

-3

8/2

16200

P/1

-4

8/3

16201

-5

8/5

16202

C667A-Bk-38-1-1

4113

7/30

16203

-2

7/31

16204



16205

-3  
8/1

16206

-4  
8/2

16207

-5  
7/31

16208

C667A-BK-41-4-1

7/30

4/21

16209

-2  
7/30

16210

-3  
7/30

16211

-4  
7/31

16212

-5  
8/1

4122

C667A-Bk-41-5-1

7/30

16213

-2

7/31

16214

-3

7/30

16215

-4

7/30

16216

-5

7/30

16217

P/P

C667A-Bk-42-1-1

4124

7/31

16218

P/P

-2

7/31

16219

-3

8/1

16220

16221

-4-

8/2

16222

-5

7/30

16223

RU8303046

8/8

46

bk 9/13

16224

C667A-BK-43-2-1

7/31

4/30

16225

-2

8/2

16226

-3

7/31

16227

-4

7/29

16228

-5

7/30

✓ PIP



C667A-BK-45-4-1

4137

7/30

16229

-2

7/30

16230

-3

7/30

16231

-4

7/30

16232

-5

8/2

16233

C667A-BK-46-1-1

4139

7/30

16234

-2

7/31

16235

-3

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16236



16237

-4 -  
7/31

16238

-5  
7/30

✓ flip

16239

C667A - Bk - 50 - 2 - 1

8/4

4142

16240

-2  
8/3

16241

-3  
8/2

16242

-4  
8/3

16243

-5  
8/4

✓ flip

16244

C667A - Bk - 46 - 3 - 1

7/31

4146

-2

8/2

16245

-3

8/2

16246

-4

8/3

16247

-5

8/3

16248

L-202

Biqqs

7/30

16249

bx 9/13

C66TA-BK-51-4-1

4153

8/1

16250

-2

8/1

16251

-3

8/1

16252

P/P ✓

|       |                 |            |  |      |
|-------|-----------------|------------|--|------|
|       |                 |            |  |      |
| 16253 |                 | -4-<br>8/5 |  |      |
| 16254 |                 | -5<br>8/2  |  |      |
| 16255 | C66TA-BK-53-5-1 | 8/3        |  | 4159 |
| 16256 |                 | -2<br>8/3  |  |      |
| 16257 |                 | -3<br>8/2  |  |      |
| 16258 |                 | -4<br>8/4  |  |      |
| 16259 |                 | -5<br>7/31 |  |      |
| 16260 | C66TA-BK-55-1-1 | 7/29       |  | 4160 |



-2

8/2

16261

-3

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16262

-4

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16263

-5

7/30

16264

C667A-BK-59-3-1

4/67

8/8

16265

-2

8/5

16266

-3

8/5

16267

-4

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16268



|          |                 |     |  |      |
|----------|-----------------|-----|--|------|
|          |                 |     |  |      |
| 16269    |                 | -5- |  |      |
|          |                 | 8/4 |  |      |
| 16270    | C66TA-BK-61-1-1 |     |  |      |
| ✓ PIP    |                 | 8/3 |  | 4170 |
| 16271    |                 | -2  |  |      |
|          |                 | 8/2 |  |      |
| 16272    |                 | -3  |  |      |
|          |                 | 8/6 |  |      |
| 16273    |                 | -4  |  |      |
|          |                 | 8/6 |  |      |
| 16274    |                 | -5  |  |      |
|          |                 | 8/4 |  |      |
| 16275    | NWRX            |     |  |      |
| bic 9/13 |                 | 8/9 |  | Fd   |
| 16276    | C66TA-BK-62-2-1 |     |  |      |
|          |                 | 8/1 |  | 4177 |

-2

7/31

16277

-3

7/31

16278

-4

7/30

16279

b/c 9/13

-5

7/30

16280

4181

C667A-BK-64-1-1

7/31

16281

-2

7/30

16282

-3

8/2

16283

-4

8/4

16284

16285

-5  
8/1

16286

C66TA-BK-65-3-1

8/6

4188

16287

-2  
8/4

16288

-3  
8/4

16289

-4  
8/5

16290

-5  
8/5

16291

C66TA-BK-66-2-1

8/3

4192

16292

-2  
7/31



-3

16293

-4

8/2

16294

-5

8/2

16295

C667A-BK-67-5-1

4200

8/3

16296

-2

8/3

16297

-3

8/6

16298

-4

8/3

16299

-5

8/6

16300

bk 9/13



16301

C667A-BK-72-5-1

8/3

4210

16302

-2

8/3

16303

-3

8/4

16304

-4

8/4

16305

-5

8/2

16306

C667A-BK-73-5-1

7/31

4215

16307

-2

8/3

16308

-3

8/4

-4

8/3

16309

PIP

bK 9/13

-5

7/31

16310

C667A-BK-77-1-1

4216

7/31

16311

PIP

bK 9/13

-2

8/2

16312

-3

8/3

16313

-4

8/3

16314

-5

8/2

16315

C667A-BK-77-5-1

4220

8/2

16316

16317

↑ -2

7/30

16318

-3

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16319

-4

8/3

16320

-5

7/31

16321

C667A-BK-78-4-1

7/30

4224

16322

-2

7/30

16323

-3

7/31

16324

-4

8/1



-5

8/3

16325

Fd

LMNT

8/8

16326

b/c 9/13

Stg

NWBT

8/11

16327

b/c 9/13

76

STBN

8/12

16328

b/c 9/13

Cro

LEAH

8/6

16329

b/c 9/13

4230

B667A-Bk-81-4-1

8/3

16330

P/p

-2

8/4

16331

-3

8/3

16332



16333

-4

8/3

16334

-5

8/3

16335

C667A-Bx-82-5-1

8/2

4236

16336

-2

8/3

16337

-3

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16338

-4

16339

-5

8/3

16340

C667A-Bx-85-2-1

8/3

4238

-2

7/30

16341

-3

7/29

16342

-4

7/29

16343

Hp

-5

7/31

16344

C667A-BK-85-3-1

4239

8/1

16345

-2

8/2

16346

-3

8/2

16347

-4

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16348

|          |                 |      |    |       |
|----------|-----------------|------|----|-------|
|          |                 |      |    |       |
|          |                 |      | -5 |       |
| 16349    |                 | 8/1  |    |       |
| Pip      |                 |      |    |       |
|          | BOND            |      |    |       |
| 16350    |                 | 8/3  |    | Stg   |
| bic 9/13 |                 |      |    |       |
|          | LBLE            |      |    |       |
| 16351    |                 | 8/1  |    | Fd    |
| bic 9/13 |                 |      |    |       |
|          | TBNT            |      |    |       |
| 16352    |                 | 8/4  |    | Stg   |
| bic 9/13 |                 |      |    |       |
|          | RV8003005       |      |    |       |
| 16353    |                 | 8/4  |    | 3     |
| bic 9/13 |                 |      |    |       |
|          | L-201           |      |    |       |
| 16354    |                 | 7/31 |    | 13    |
|          | L-202           |      |    |       |
| 16355    |                 | 7/31 |    | Biggs |
|          | C667A-Bk-86-1-1 |      |    |       |
| 16356    |                 | 8/3  |    | 424   |



-2

8/4

16357

P/P ✓

-3

8/5

16358

-4

8/2

16359

-5

8/2

16360

C667A-BK-88-3-1

4250

7/30

16361

-2

7/30

16362

P/P ✓

bx 9/13

-3

7/30

16363

-4

7/31

16364



16365

-5

7/30

16366

C667A-BK-90-3-1

8/2

4258

16367

-2

8/3

16368

-3

8/6

16369

-4

8/5

16370

-5

8/2

16371

C667A-BK-96-1-1

8/2

4258

16372

-2

8/5

-3

7/31

16373

-4

8/2

16374

-5

8/3

16375

Early Belle

1/21

2029

16376

bk 9/13

C667A-Bk-99-5-1

4267

8/3

16377

-2

8/2

16378

-3

8/2

16379

-4

8/2

16380

16381

-5

8/2

16382

C667A-BK-100-3-1

8/5

4270

16383

-2

8/6

16384

-3

8/5

16385

-4

8/7

16386

-5

8/6

16387

C667A-BK-100-4-1

8/6

4271

16388

-2

8/4



-3

8/4

16389

P/P

bk 9/13

-4

8/2

16390

-5

8/7

16391

RU8303046

46

8/8

16392

bk 9/13

RU8303089

89

8/5

16393

bk 9/13

RU8303116

116

8/2

16394

bk 9/13

RU8303169

169

8/8

16395

bk 9/13

RU8303181

181

16396

bk 9/13



Seeded 5/16/84

S-5, SW

|          |                       |     |          |
|----------|-----------------------|-----|----------|
| 16397    | BLMT                  | 2/7 | Fd       |
| bic 9/13 |                       |     |          |
| 16398    | LMNT                  |     | Fd       |
| bic 9/13 |                       |     |          |
| 16399    | LBLE-X2-2             |     | 82/2155  |
| bic 9/13 | sketch?<br>LBLE-X2-1? |     |          |
| 16400    | CICA-6                |     | 137      |
| bic 10/5 |                       |     |          |
| 16401    | C667A-BK4-1           |     | 19452-99 |
|          | SKBT//SSD/SSS         |     |          |
| 16402    | -2                    | 8/5 |          |
| 16403    | -3                    |     |          |
| 16404    | -4                    | 8/4 |          |

|        |             |     |                           |
|--------|-------------|-----|---------------------------|
| 452-99 | C667A-BK4-5 | 8/5 | 16405                     |
|        | -6          | 8/8 | 16406                     |
|        | -7          | 8/6 | 16407                     |
|        | -8          | 8/2 | 16408                     |
|        | -9          | 8/2 | 16409<br>PIP ✓            |
|        | -10         | 8/2 | 16410                     |
|        | -11         | 8/2 | 16411                     |
|        | -12         | 8/3 | 16412<br>PIP ✓<br>BK 9/19 |

|       |              |     |          |
|-------|--------------|-----|----------|
| 16413 | CG67A-Bky-13 | 8/4 | 19452-99 |
|-------|--------------|-----|----------|

|       |     |     |  |
|-------|-----|-----|--|
| 16414 | -14 | 8/4 |  |
|-------|-----|-----|--|

✓ pip  
bk 9/19

|       |     |     |  |
|-------|-----|-----|--|
| 16415 | -15 | 8/4 |  |
|-------|-----|-----|--|

|       |     |      |  |
|-------|-----|------|--|
| 16416 | -16 | 7/31 |  |
|-------|-----|------|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16417 | -17 | 8/2 |  |
|-------|-----|-----|--|

✓ pip

|       |     |     |  |
|-------|-----|-----|--|
| 16418 | -18 | 8/4 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16419 | -19 | 8/6 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16420 | -20 | 8/6 |  |
|-------|-----|-----|--|

|        |                  |      |                   |
|--------|------------------|------|-------------------|
| 452-99 | C667A - Bky - 21 | 8/5  | 16421             |
|        | -22              | 8/3  | 16422<br>✓<br>p/p |
|        | -23              | 8/3  | 16423             |
|        | -24              | 8/5  | 16424<br>✓<br>p/p |
| Fd     | LBLE             | 7/31 | 16425<br>bx 9/19  |
| 452-99 | C667A - Bky - 25 | 8/2  | 16426             |
|        | -26              | 8/3  | 16427             |
|        | -27              | 8/1  | 16428             |



|                     |              |      |          |
|---------------------|--------------|------|----------|
| 16429               | C667A-BK4-28 | 7/31 | 19452-99 |
| ✓<br>rip<br>bx aliq |              |      |          |
| 16430               | -29          | 8/5  |          |
| 16431               | -30          | 8/2  |          |
| ✓<br>rip            |              |      |          |
| 16432               | -31          | 8/3  |          |
| 16433               | -32          | 7/31 |          |
| 16434               | -33          | 8/2  |          |
| 16435               | -34          | 8/5  |          |
| 16436               | -35          | 8/2  |          |

|        |              |      |       |                  |
|--------|--------------|------|-------|------------------|
| 452.99 | C667A-BK4-36 | 8/1  | 16437 | p/p<br>bk 9/19   |
|        | -37          | 8/3  | 16438 |                  |
|        | -38          |      | 16439 |                  |
|        | -39          | 1/30 | 16440 |                  |
|        | -40          | 8/3  | 16441 | p/p ✓<br>bk 9/19 |
|        | Better       |      |       |                  |
|        | -41          | 8/5  | 16442 |                  |
|        | -42          | 8/2  | 16443 |                  |
|        | -43          | 8/4  | 16444 | p/p ✓<br>bk 9/19 |

|          |              |     |  |          |
|----------|--------------|-----|--|----------|
|          |              |     |  |          |
| 16445    | C667A-Bk4-44 | 8/3 |  | 19452-99 |
|          |              |     |  |          |
| 16446    | -45          | 8/6 |  |          |
| ✓ Pip    |              |     |  |          |
| 16447    | -46          | 8/6 |  |          |
|          |              |     |  |          |
| 16448    | -47          | 8/5 |  |          |
|          |              |     |  |          |
| 16449    | -48          | 8/5 |  |          |
|          |              |     |  |          |
| 16450    | SKBT         | 8/4 |  | Fd       |
| bis 9/19 |              |     |  |          |
| 16451    | C667A-Bk4-49 | 8/5 |  |          |
| ✓ Pip    |              |     |  |          |
| 16452    | -50          | 8/2 |  |          |
| ✓ Pip    |              |     |  |          |
| bis 9/19 |              |     |  |          |

|        |              |      |                           |
|--------|--------------|------|---------------------------|
| 452-99 | C667A-Bky-51 | 8/5  | 16453                     |
|        | -52          | 7/31 | 16454<br>P/p ✓<br>bx 9/19 |
|        | -53          | 8/5  | 16455                     |
|        | -54          | 8/5  | 16456<br>P/p ✓            |
|        | -55          | 8/4  | 16457                     |
|        | -56          | 8/5  | 16458                     |
|        | -57          | 8/3  | 16459                     |
|        | -58          | 8/6  | 16460<br>P/p ✓            |



|                     |              |     |          |
|---------------------|--------------|-----|----------|
| 16461               | C667A-Bxy-59 | 8/4 | 19452-90 |
| 16462               | -60          | 8/5 |          |
| 16463               | -61          | 8/5 |          |
| 16464               | -62          | 8/5 |          |
| ✓<br>p/p<br>br 9/19 | -63          | 8/5 |          |
| 16465               | -64          | 8/8 |          |
| 16466               | -65          | 8/2 |          |
| 16467               | -66          | 8/2 |          |
| 16468               |              |     |          |

|        |              |      |                  |
|--------|--------------|------|------------------|
| 452-99 | C667A-Bky-67 | 8/5  | 16469            |
|        | -68          | 8/6  | 16470<br>P/p ✓   |
|        | -69          | 8/2  | 16471            |
|        | -70          | 8/6  | 16472            |
|        | -71          | 8/4  | 16473<br>P/p ✓   |
|        | -72          | 8/4  | 16474            |
| Stg    | BOND         | 7/31 | 16475<br>bx 9/19 |
|        | C667A-Bky-73 | 8/5  | 16476            |

C667A-BK4-74

16477

8/6

19452-99

-75

16478

8/5

-76

16479

8/3

✓  
Pip

-77

16480

8/3

-78

16481

8/6

-79

16482

8/6

✓  
Pip  
bk 9/19

-80

16483

8/6

-81

16484

8/8

|         |              |     |                           |
|---------|--------------|-----|---------------------------|
| 1452-99 | C667A-Bky-82 |     | 16485                     |
|         | -83          | 8/4 | 16486                     |
|         | -84          |     | 16487                     |
|         | -85          | 8/6 | 16488                     |
|         | -86          | 8/4 | 16489                     |
|         | -87          | 8/5 | 16490<br>p/p ✓            |
|         | -88          | 8/5 | 16491                     |
|         | -89          | 8/2 | 16492<br>p/p ✓<br>bk 9/19 |



|       |                  |     |          |
|-------|------------------|-----|----------|
| 16493 | C667A - Bky - 90 | 814 | 19452-99 |
|-------|------------------|-----|----------|

|       |     |     |  |
|-------|-----|-----|--|
| 16494 | -91 | 815 |  |
|-------|-----|-----|--|

|       |     |  |  |
|-------|-----|--|--|
| 16495 | -92 |  |  |
|-------|-----|--|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16496 | -93 | 815 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16497 | -94 | 818 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16498 | -95 | 818 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16499 | -96 | 815 |  |
|-------|-----|-----|--|

|       |           |  |             |
|-------|-----------|--|-------------|
| 16500 | PI 408449 |  | 18992-19000 |
|-------|-----------|--|-------------|

Many C622A lines look good; some may be too large? Pencil often smaller?

64

4427

C622A-BK-3-1-2-1

7/27

16501

SKBT/L201

-2

7/26

16502

BK 9/10

-3

7/26

16503

uniform

-4

7/26

16504

-5

7/26

16505

4435

C622A-BK-3-4-5-1

7/31

16506

-2

8/3

16507

uniform

BK 9/10

-3

8/2

16508

16509

-4

8/1

16510

-5

8/1

16511

C622A-BK-5-1-2-1

± 1245

7/29

4437

16512

1-2

7/29

16513

br 9/10

-3

7/29

16514

-4

7/30

16515

-5

7/30

16516

C622A-BK-5-1-4-1

8/1

4439



-2

8/2

16517

-3

7/31

16518

bx 9/10

-4

7/31

16519

9/8 ✓

-5

8/2

16520

C622A-Bk-5-5-5-1

4445

8/2

16521

-2

7/26

16522

9/8 ✓

bx 9/10

-3

7/28

16523

-4

7/31

16524



16525

-5  
7/31

16526

L-201

7/29

13

bk 9/10

16527

C622A-BK-7-2-2-1

7/25

4453

16528

-2  
7/25

16529

-3  
7/26

16530

-4  
7/25

16531

-5  
7/25

16532

C622A-BK-7-5-4-1

7/26

4460

-2

7/27

16533

-3

7/26

16534

-4

7/26

16535

-5

7/26

16536

C622A-BK-16-1-3-1

4485

7/26

16537

-2

7/26

16538

-3

7/28

16539

-4

7/27

16540

|       |                             |            |      |
|-------|-----------------------------|------------|------|
| 16541 |                             | -5<br>7/28 |      |
| 16542 | C622A-BK-16-3-2-1<br>84/113 | 7/29       | 4489 |
| 16543 |                             | -2<br>7/31 |      |
| 16544 |                             | -3<br>7/28 |      |
| 16545 |                             | -4<br>7/27 |      |
| 16546 | ✓ PIP<br>BK 9/10            | -5<br>7/26 |      |
| 16547 | C622A-BK-16-3-3-1           | 7/28       | 4490 |
| 16548 |                             | -2<br>7/28 |      |

-3

7/26

16549

8/11 ✓

-4

7/27

16550

-5

8/11

16551

LEAH

Cro

8/8

16552

bx 9/10

C622A-BK-16-5-1-1

4493

7/28

16553

-2

7/27

16554

-3

7/27

16555

bx 9/10

-4

7/28

16556



16557

-5-  
7/28

16558

C622A-Bk-16-5-5-1

7/27

4497

16559

-2  
7/28

16560

-3  
7/28

16561

-4  
7/27

16562

-5  
7/28

16563

C622A-Bk-17-14-1

8/1

4501

16564

-2  
8/2

-3

8/4

16565

-4

8/3

16566

-5

8/3

16567

C622A-BK-18-3-4-1

4506

 $\pm$  84/1246

7/27

16568

-2

7/27

16569

-3

7/28

16570

P/P ✓

bk 9/10

-4

7/27

16571

-5

7/29

16572

|       |       |      |       |
|-------|-------|------|-------|
| 16573 | L-202 | 7/27 | Biggs |
|-------|-------|------|-------|

bk 9/10

|       |                   |      |      |
|-------|-------------------|------|------|
| 16574 | C622A-BK-22-3-3-1 | 7/25 | 4520 |
|-------|-------------------|------|------|

✓ PIP

|       |    |      |  |
|-------|----|------|--|
| 16575 | -2 | 7/25 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 16576 | -3 | 7/25 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 16577 | -4 | 7/25 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 16578 | -5 | 7/25 |  |
|-------|----|------|--|

|       |                   |      |      |
|-------|-------------------|------|------|
| 16579 | C622A-BK-22-4-2-1 | 7/27 | 4525 |
|-------|-------------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 16580 | -2 | 7/27 |  |
|-------|----|------|--|

|      |                   |    |      |       |                |
|------|-------------------|----|------|-------|----------------|
|      |                   | -3 | 7/26 | 16581 | p/p ✓          |
|      |                   | -4 | 7/25 | 16582 |                |
|      |                   | -5 | 7/27 | 16583 |                |
| 4532 | C622A-Bk-33-3-4-1 |    | 7/29 | 16584 |                |
|      |                   | -2 | 7/30 | 16585 |                |
|      |                   | -3 | 7/29 | 16586 |                |
|      |                   | -4 | 7/28 | 16587 |                |
|      |                   | -5 | 7/27 | 16588 | p/p<br>bk 9/10 |



|       |                    |      |      |
|-------|--------------------|------|------|
| 16589 | C622A-Bk-33-5-5-1- | 7/29 | 4538 |
|-------|--------------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 16590 | -2 | 7/27 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 16591 | -3 | 7/26 |  |
|-------|----|------|--|

✓ P/P  
bik 9/10

|       |    |      |  |
|-------|----|------|--|
| 16592 | -4 | 7/29 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 16593 | -5 | 7/29 |  |
|-------|----|------|--|

|       |                   |      |      |
|-------|-------------------|------|------|
| 16594 | C622A-Bk-34-2-5-1 | 7/30 | 4543 |
|-------|-------------------|------|------|

|       |    |      |  |
|-------|----|------|--|
| 16595 | -2 | 7/30 |  |
|-------|----|------|--|

|       |    |      |  |
|-------|----|------|--|
| 16596 | -3 | 7/31 |  |
|-------|----|------|--|

✓ P/P  
bik 9/10

|      |                   |    |      |                         |
|------|-------------------|----|------|-------------------------|
|      |                   | -4 | 7/30 | 16597                   |
|      |                   | -5 | 7/31 | 16598                   |
| 4545 | C622A-Bk-34-3-2-1 |    | 7/31 | 16599<br>pip<br>bk 9110 |
|      |                   | -2 | 7/31 | 16600                   |
|      |                   | -3 | 7/30 | 16601                   |
|      |                   | -4 | 7/31 | 16602                   |
|      |                   | -5 | 7/30 | 16603                   |
| 4556 | C622A-Bk-43-3-2-1 |    | 7/31 | 16604                   |

16605

-2  
8/1

16606

-3  
7/30

✓  
PIP

bk 9/10

16607

-4  
7/29

16608

-5  
7/31

16609

C622A-BK-43-3-5-1

7/29

4559

16610

-2  
7/29

16611

-3  
7/29

16612

-4  
7/28

-5

7/31

16613

C622A-BK-43-4-4-1

4563

7/29

84/1247

16614

-2

7/31

16615

-3

7/31

16616

-4

7/31

16617

-5

7/29

16618

P/P ✓

C622A-BK-45-3-4-1

4568

7/26

16619

-2

7/26

16620

P/P ✓



16621

-3  
7/27

16622

-4  
7/26

16623

-5  
7/28

16624

Toro - 2

8/7

Cro

bk 9/10

16625

C622A-Bk-45-5-4-1

7/27

4573

16626

-2  
7/28

16627

-3  
7/26

16628

-4  
7/26

✓ ele

-5

7/26

16629

C622A-BK-49-2-5-1

4580

7/30

16630

-2

7/30

16631

-3

7/31

16632

-4

7/31

16633

P/P

-5

7/31

16634

C622A-BK-50-4-4-1

4584

7/31

16635

-2

7/30

16636

P/P

BK 9/10

16637

-3

7/30

16638

-4

7/31

16639

-5

7/31

16640

C622A-Bk-57-5-2-1

8/1

4587

16641

-2

8/2

16642

-3

8/2

16643

-4

8/3

16644

-5

8/3



|      |                   |      |       |         |
|------|-------------------|------|-------|---------|
| 4598 | C622A-BK-58-2-3-1 | 8/5  | 16645 | 9/10    |
|      |                   | -2   | 8/5   | 16646   |
|      |                   | -3   | 8/6   | 16647   |
|      |                   | -4   | 8/5   | 16648   |
|      |                   | -5   | 8/7   | 16649   |
| 52   | RU8003050         | 8/8  | 16650 | BK 9/10 |
| 4604 | C622A-BK-60-3-4-1 | 7/31 | 16651 |         |
|      |                   | -2   | 7/29  | 16652   |
|      |                   |      |       | 9/10    |



16653

-3

7/31

16654

-4

7/31

16655

-5

7/31

16656

C622A-BK-63-2-4-1

7/31

4609

16657

-2

7/31

16658

-3

7/31

16659

-4

7/31

16660

-5

7/30

|      |                   |      |         |
|------|-------------------|------|---------|
| 4613 | C622A-Bk-63-4-3-1 | 7/29 | 16661   |
|      | -2                | 7/30 | 16662   |
|      |                   |      | pip ✓   |
|      |                   |      | bk 9/10 |
|      | -3                | 7/28 | 16663   |
|      | -4                | 7/29 | 16664   |
|      | -5                | 7/30 | 16665   |
| 4628 | C622A-Bk-72-1-1   | 7/28 | 16666   |
|      | -2                | 7/28 | 16667   |
|      |                   |      | pip ✓   |
|      | -3                | 7/28 | 16668   |

bk 9/10

16669

=4  
7/29

16670

-5  
7/29

16671

C622A-BK-72-5-4-1

7/27

4635

16672

-2  
7/27

✓  
PR  
bx 9/10

16673

-3  
7/27

16674

-4  
7/27

16675

-5  
7/27

16676

LBNT

8/8

Fd

bx 9/10



4648

C622A-Bk-84-3-2-1

8/1

16677

-2

8/2

16678

-3

7/31

16679

-4

7/31

16680

-5

8/1

16681

4650

C622A-Bk-84-3-4-1

8/1

16682

-2

8/5

16683

-3

8/1

16684

Plp ✓

Bk 9/10



16685

-4-  
8/3

16686

-5  
8/3

16687

C622A-BK-87-1-4-1

7/28

4656

16688

-2  
7/26

16689

D<sup>5</sup>-3  
7/26

16690

-4  
7/26

16691

-5  
7/27

✓ PIP

16692

C622A-BK-88-1-3-1

7/31

4660

-2

7/31

16693

-3

8/1

16694

-4

8/1

16695

-5

8/1

16696

C622A- Bk -89-2-1-1

4663

7/28

16697

P. 10 ✓

bk 9/10

-2

7/29

16698

-3

7/29

16699

-4

7/29

16700

16701

-5

7/29

16702

C622A-5-4-4-1

7/29

4671

16703

-2

7/29

16704

-3

7/29

16705

-4

7/28

16706

-5

7/28

✓ PIP

bik 9/10

16707

C622A-5-4-4-5-1

7/29

4672

16708

-2

7/28



-3

7/27

16709

P/P ✓

bk 9/10

-4

7/28

16710

-5

7/27

16711

C622A-7-2-2-1

4685

7/29

16712

P/P ✓

bk 9/10

-2

8/1

16713

-3

7/31

16714

-4

8/2

16715

-5

8/2

16716



|            |                                       |            |      |
|------------|---------------------------------------|------------|------|
| 16717      | C622A-7-2-4-1<br>± 84/1249            | 2/2        | 4687 |
| 16718      |                                       | -2<br>7/31 |      |
| 16719      |                                       | -3<br>7/31 |      |
| 16720      |                                       | -4<br>8/1  |      |
| 16721      |                                       | -5<br>7/31 |      |
| ✓<br>16722 | ✓<br>C622A-10-2-5-1<br>P1P<br>bk 9/10 | 7/31       | 4693 |
| 16723      |                                       | -2<br>8/1  |      |
| 16724      |                                       | -3<br>7/31 |      |

-4

7/26

16725

-5

8/2

16726

LMNT

Fd

8/8

16727

bx 9/10

C622A-12-3-2-1

4695

7/27

16728

-2

7/28

16729

-3

7/27

16730

-4

7/29

16731

P/P

bx 9/10

-5

7/29

16732

16733

C622A-13-3-1-1

7/25

4699

16734

-2

7/25

✓ PIP

bx 9/10

16735

-3

7/25

16736

-4

7/25

16737

-5

7/25

16738

C622A-13-3-4-1

7/26

4702

16739

-2

7/26

16740

-3

7/26

✓ PIP

bx 9/10

-4

7/26

16741

-5

7/26

16742

CG22A-13-5-4-1

4707

7/29

16743

✓  
P/P

b/c 9/10

-2

7/30

16744

-3

7/29

16745

-4

7/30

16746

-5

7/31

16747

CG22A-14-1-4-1

4712

8/2

16748



16749

-2

7/31

✓ P1P

bx 9/10

16750

-3

8/1

16751

-4

8/2

16752

-5

7/31

16753

NWBT

8/12

Stg

bx 9/10

16754

C622A-16-5-2-1

7/29

4715

16755

-2

7/28

16756

-3

7/29

-4

7/28

16757

P/H ✓

bk 9/10

-5

7/29

16758

C622A-34-1-1-1

4740

8/2

16759

-2

8/2

16760

-3

8/2

16761

P/H ✓

-4

8/2

16762

-5

8/2

16763

C622A-37-3-2-1

1746

7/29

16764

16765

-2

7/29

16766

-3

7/30

16767

-4

7/27

✓ P/P

bx 9/10

16768

-5

7/29

16769

C622A-37-4-5-1

7/26

4753

16770

-2

7/29

16771

-3

7/27

✓ P/P

bx 9/10

16772

-4

7/27

-5

7/26

16773

TBNT

Stg

8/3

16774

bk 9/10

C622A-38-2-4-1

4759

7/30

16775

-2

7/28

16776

-3

7/28

16777

P/p

-4

7/29

16778

-5

7/29

16779

C622A-39-5-2-1

4767

7/29

16780



16781

-2

7/29

16782

-3

7/26

✓ P/p

16783

-4

7/29

16784

-5

7/29

16785

C622A-39-5-5-1

7/29

4770

✓ P/p

BR 9/10

16786

-2

7/29

16787

-3

7/28

16788

-4

7/31

-5

7/30

16789

C622A-42-3-3-1

4773

7/30

16790

-2

8/6

16791

P/P ✓

-3

7/31

16792

-4

7/31

16793

-5

8/2

16794

C622A-43-4-3-1

4784

8/4

16795

P/P ✓

-2

8/5

16796

16797

-3

8/6

16798

-4

8/4

16799

-5

8/5

16800

C622A-46-4-2-1

$\pm 84/1250$

7/30

4798

16801

-2

7/31

16802

-3

7/31

16803

-4

7/28

16804

-5

7/29

✓ P/P

|      |                |      |       |       |         |
|------|----------------|------|-------|-------|---------|
|      |                |      |       |       |         |
| 4803 | C622A-47-1-2-1 | 7/27 | 16805 |       |         |
|      |                |      |       |       |         |
|      |                | -2   | 7/26  | 16806 |         |
|      |                |      |       |       |         |
|      |                | -3   | 8/1   | 16807 |         |
|      |                |      |       |       |         |
|      |                | -4   | 7/29  | 16808 |         |
|      |                |      |       |       |         |
|      |                | -5   | 7/25  | 16809 |         |
|      |                |      |       |       | p/p ✓   |
|      |                |      |       |       | bk 9/10 |
| 4810 | C622A-47-5-4-1 | 7/29 | 16810 |       | p/p ✓   |
|      |                |      |       |       | bk 9/10 |
|      |                | -2   | 7/31  | 16811 |         |
|      |                |      |       |       |         |
|      |                | -3   | 7/30  | 16812 |         |



16813

-4  
7/30

16814

-5  
7/30

16815

C622A-52-4-3-1

7/26

4825

16816

-2  
7/26

16817

-3  
7/26

16818

-4  
7/26

✓ PIP

bic 9/10

16819

-5  
7/26

16820

C622A-55-3-4-1

7/29

4831

-2

7/29

16821

-3

7/29

16822

-4

7/30

16823

-5

7/29

16824

Pip ✓

bk 9/10

9

RU8003009

8/4

16825

bk 9/10

C622A-55-5-5-1

4837

8/1

16826

-2

8/2

16827

-3

16828

16829

-4  
7/31

16830

-5  
7/31

✓  
PIP

br 9/10

16831

C622A-56-5-5-1

8/1

4842

✓  
PIP

16832

-2  
7/28

br 9/10

16833

-3  
7/28

16834

-4  
7/27

16835

-5  
7/27

16836

C622A-62-1-3-1

7/28

4851

✓  
PIP

-2

7/30

16837

-3

8/1

16838

-4

8/2

16839

-5

7/29

16840

4857

C622A-62-4-4-1

8/2

16841

-2

8/2

16842

-3

8/3

16843

p/p ✓

-4

7/25

16844



16845

-5

8/3

16846

C622A-63-3-5-1

7/26

4863

16847

-2

7/27

16848

-3

7/26

16849

-4

7/26

✓  
P/P  
bk 9/10

16850

-5

7/27

16851

NWRX

8/9

Fd

bk 9/10

16852

C622A-BK5-1

8/3

19652-99

✓ P/P

|         |             |      |       |                     |
|---------|-------------|------|-------|---------------------|
| 9652-99 | C622A-BK5-2 | 7/29 | 16853 | ✓<br>P/p<br>bk 9/10 |
|         | -3          | 7/27 | 16854 |                     |
|         | -4          | 8/5  | 16855 | ✓<br>P/p            |
|         | -5          | 7/29 | 16856 | ✓<br>P/p            |
|         | -6          | 8/5  | 16857 |                     |
|         | -7          | 8/4  | 16858 |                     |
|         | -8          | 8/5  | 16859 | ✓<br>P/p            |
|         | -9          | 8/2  | 16860 | ✓<br>P/p            |

|       |                           |      |          |
|-------|---------------------------|------|----------|
| 16861 | C622A-BK <sub>5</sub> -10 | 8/4- | 19652-99 |
| 16862 | -11                       | 8/7  |          |
| 16863 | -12                       | 8/1  |          |
| 16864 | -13                       | 7/28 |          |
| 16865 | -14                       | 8/4  |          |
| 16866 | -15                       | 7/27 |          |
| 16867 | -16                       | 7/30 |          |
| 16868 | -17                       | 8/9  |          |

|         |              |      |                           |
|---------|--------------|------|---------------------------|
| 9652-99 | C622A-Bk5-18 | 812  | 16869                     |
|         | -19          | 819  | 16870                     |
|         | -20          | 7130 | 16871<br>Pip ✓<br>bk 9110 |
|         | -21          | 7129 | 16872                     |
|         | -22          | 815  | 16873                     |
|         | -23          | 817  | 16874                     |
| Fd      | BLMT         | 818  | 16875<br>bk 9110          |
|         | C622A-Bk5-24 | 7125 | 16876<br>Pip ✓            |



|       |              |      |          |
|-------|--------------|------|----------|
| 16877 | C622A-BK5-25 | 7/31 | 19652-99 |
|-------|--------------|------|----------|

✓ PIP

|       |     |     |
|-------|-----|-----|
| 16878 | -26 | 8/3 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 16879 | -27 | 8/5 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 16880 | -28 | 8/5 |
|-------|-----|-----|

✓ PIP

|       |     |     |
|-------|-----|-----|
| 16881 | -29 | 8/2 |
|-------|-----|-----|

✓ PIP

|       |     |     |
|-------|-----|-----|
| 16882 | -30 | 8/3 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 16883 | -31 | 8/2 |
|-------|-----|-----|

|       |     |     |
|-------|-----|-----|
| 16884 | -32 | 8/3 |
|-------|-----|-----|

✓ PIP

|          |                           |      |       |       |
|----------|---------------------------|------|-------|-------|
| 19652-99 | C622A-BK <sub>5</sub> -33 | 8/3  | 16885 | P/P ✓ |
|          | -34                       | 8/4  | 16886 |       |
|          | -35                       | 7/31 | 16887 |       |
|          | -36                       | 8/3  | 16888 |       |
|          | -37                       | 8/1  | 16889 | P/P ✓ |
|          | -38                       | 7/29 | 16890 |       |
|          | -39                       | 8/1  | 16891 | P/P ✓ |
|          | -40                       | 8/1  | 16892 | P/P   |

|       |              |     |          |  |  |
|-------|--------------|-----|----------|--|--|
|       |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16893 | C622A-BK5-41 | 8/5 | 19652-99 |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16894 | -42          | 8/4 |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16895 | -43          | 8/5 |          |  |  |
| ✓ P/P |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16896 | -44          | 8/5 |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16897 | -45          | 8/2 |          |  |  |
| ✓ P/P |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16898 | -46          | 8/6 |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16899 | -47          | 8/5 |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
|       |              |     |          |  |  |
| 16900 | -48          | 8/8 |          |  |  |

|          |              |      |                |
|----------|--------------|------|----------------|
| 19652-99 | C622A-BK5-49 | 7/29 | 16901          |
|          | -50          | 8/4  | 16902<br>P/P ✓ |
|          | -51          | 8/5  | 16903          |
|          | -52          | 8/6  | 16904          |
|          | -53          | 8/9  | 16905          |
|          | -54          | 7/29 | 16906          |
|          | -55          | 8/11 | 16907<br>P/P ✓ |
|          | -56          | 8/13 | 16908          |



|         |              |      |          |  |
|---------|--------------|------|----------|--|
|         |              |      |          |  |
| 16909   | C622A-BK5-57 | 7/29 | 19652-99 |  |
| ✓ P/P   |              |      |          |  |
| BK 9/10 |              |      |          |  |
| 16910   | -58          | 7/31 |          |  |
|         |              |      |          |  |
| 16911   | -59          | 8/8  |          |  |
|         |              |      |          |  |
| 16912   | -60          | 8/3  |          |  |
| ✓ P/P   |              |      |          |  |
| BK 9/10 |              |      |          |  |
| 16913   | -61          | 7/31 |          |  |
| ✓ P/P   |              |      |          |  |
| 16914   | -62          | 8/2  |          |  |
| ✓ P/P   |              |      |          |  |
| 16915   | -63          | 8/2  |          |  |
|         |              |      |          |  |
| 16916   | -64          | 8/2  |          |  |

|         |                          |      |                |
|---------|--------------------------|------|----------------|
| 9652-99 | C622A-B <sub>5</sub> -65 | 8/5  | 16917          |
|         | -66                      | 7/28 | 16918<br>PIP ✓ |
|         | -67                      | 8/3  | 16919<br>PIP ✓ |
|         | -68                      | 8/5  | 16920          |
|         | -69                      | 8/4  | 16921          |
|         | -70                      | 7/31 | 16922<br>PIP ✓ |
|         | -71                      | 8/1  | 16923<br>PIP ✓ |
|         | -72                      | 8/3  | 16924          |

|       |              |      |          |
|-------|--------------|------|----------|
| 16925 | RU8003005    | 7/31 | 3        |
|       | b11 9/10     |      |          |
| 16926 | C622A-BK5-T3 | 7/29 | 19652-99 |
| 16927 | -74          | 8/5  |          |
| 16928 | -75          | 8/5  |          |
| 16929 | -76          | 8/3  |          |
| 16930 | -77          | 8/2  |          |
| 16931 | -78          | 8/9  |          |
| 16932 | -79          | 8/3  |          |
|       | ✓ p/p        |      |          |

|         |              |      |       |                  |
|---------|--------------|------|-------|------------------|
| 9652-99 | C622A-Bk5-80 | 8/1  | 16933 | P/p ✓<br>bk 9/10 |
|         | -81          | 8/2  | 16934 | P/p ✓            |
|         | -82          | 8/6  | 16935 |                  |
|         | -83          | 1/31 | 16936 | P/p ✓            |
|         | -84          | 2/3  | 16937 | P/p ✓<br>bk 9/10 |
|         | -85          | 8/5  | 16938 |                  |
|         | -86          | 8/5  | 16939 |                  |
|         | -87          | 8/7  | 16940 |                  |



|       |              |     |          |
|-------|--------------|-----|----------|
| 16941 | C622A-BK5-88 | 8/7 | 19652-99 |
|-------|--------------|-----|----------|

|       |     |     |  |
|-------|-----|-----|--|
| 16942 | -89 | 8/8 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16943 | -90 | 8/7 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16944 | -91 | 8/6 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16945 | -92 | 8/2 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16946 | -93 | 8/2 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16947 | -94 | 8/5 |  |
|-------|-----|-----|--|

|       |     |     |  |
|-------|-----|-----|--|
| 16948 | -95 | 8/5 |  |
|-------|-----|-----|--|

|         |              |      |         |
|---------|--------------|------|---------|
| 9652-99 | C622A-96     | 8/8  | 16949   |
| 13      | L-201        | 7/31 | 16950   |
|         |              |      | bs 9/10 |
| 9652-99 | C622A-BK5-97 | 8/4  | 16951   |
|         |              |      | 1/8 ✓   |
|         | -98          | 8/7  | 16952   |
|         | -99          | 8/7  | 16953   |
|         | -100         | 8/5  | 16954   |
|         | -101         | 7/31 | 16955   |
|         |              |      | 8/10 ✓  |
|         | -102         | 8/2  | 16956   |
|         |              |      | 8/1 ✓   |

|                  |                |      |          |  |
|------------------|----------------|------|----------|--|
|                  | BK5 -          |      |          |  |
| 16957            | C622A-103<br>1 | 8/4- | 19652-99 |  |
| 16958            | -104           | 8/5  |          |  |
| ✓ PIP<br>br 9/10 |                |      |          |  |
| 16959            | -105           | 7/30 |          |  |
| 16960            | -106           | 8/4  |          |  |
| 16961            | -107           | 8/5  |          |  |
| 16962            | -108           | 7/31 |          |  |
| ✓ PIP            |                |      |          |  |
| 16963            | -109           | 8/5  |          |  |
| 16964            | -110           | 8/4  |          |  |
| ✓ PIP            |                |      |          |  |

|          |                        |     |                           |
|----------|------------------------|-----|---------------------------|
| 19652-99 | BK5-<br>C622A-III<br>1 | 8/3 | 16965                     |
|          | -1                     | 8/6 | 16966                     |
|          |                        | 8/3 | 16967                     |
|          |                        | 8/5 | 16968                     |
|          |                        | 8/5 | 16969                     |
|          |                        | 8/3 | 16970<br>P/P ✓<br>bk 9110 |
|          |                        | 8/2 | 16971                     |
|          |                        | 8/3 | 16972<br>P/P ✓<br>bk 9110 |



|       |                     |      |          |
|-------|---------------------|------|----------|
| 16973 | C622A-BK5-<br>✓ PJP | 8/6  | 19652-90 |
| 16974 |                     | 8/5  |          |
| 16975 | Early Belle         | 7/20 | 2029     |
| 16976 | C622A-BK5-          | 8/5  | 19652-99 |
| 16977 |                     | 8/8  |          |
| 16978 |                     | 8/8  |          |
| 16979 |                     | 8/9  |          |
| 16980 |                     | 8/5  |          |

|          |            |      |                  |
|----------|------------|------|------------------|
| 19652-99 | C622A-BK5- | 8/9  | 16981            |
|          |            | 7/30 | 16982            |
|          |            |      | pip ✓<br>bx 9110 |
|          |            | 8/6  | 16983            |
|          |            | 8/5  | 16984            |
|          |            |      | pip ✓            |
|          |            | 8/5  | 16985            |
|          |            | 8/5  | 16986            |
|          |            |      | pip ✓            |
|          |            | 7/31 | 16987            |
|          |            | 8/5  | 16988            |
|          |            |      | pip ✓            |

|       |        |     |          |
|-------|--------|-----|----------|
| 16989 | C622A- | 8/4 | 19652-99 |
|-------|--------|-----|----------|

|       |  |     |  |
|-------|--|-----|--|
| 16990 |  | 8/2 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 16991 |  | 8/1 |  |
|-------|--|-----|--|

|       |  |      |  |
|-------|--|------|--|
| 16992 |  | 7/28 |  |
|-------|--|------|--|

|       |  |     |  |
|-------|--|-----|--|
| 16993 |  | 8/5 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 16994 |  | 8/3 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 16995 |  | 8/2 |  |
|-------|--|-----|--|

|       |  |     |  |
|-------|--|-----|--|
| 16996 |  | 8/3 |  |
|-------|--|-----|--|

C622A-

9652-99

8/2

16997

P/p ✓

8/5

16998

8/5

16999

P/p ✓

bk 9/10

8/2

17000

P/p ✓





B7725A = DAWN/331581

C667A = SKBT//SSD/SSS

C622A = SKBT/L201







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

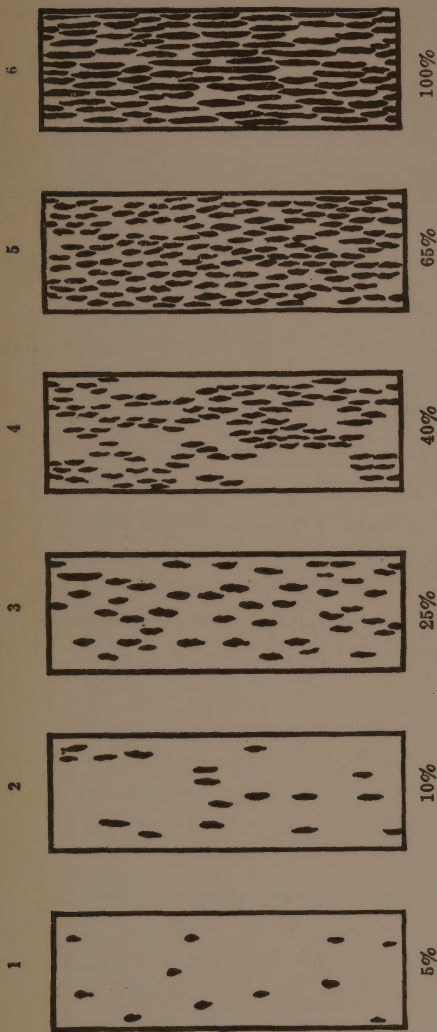


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

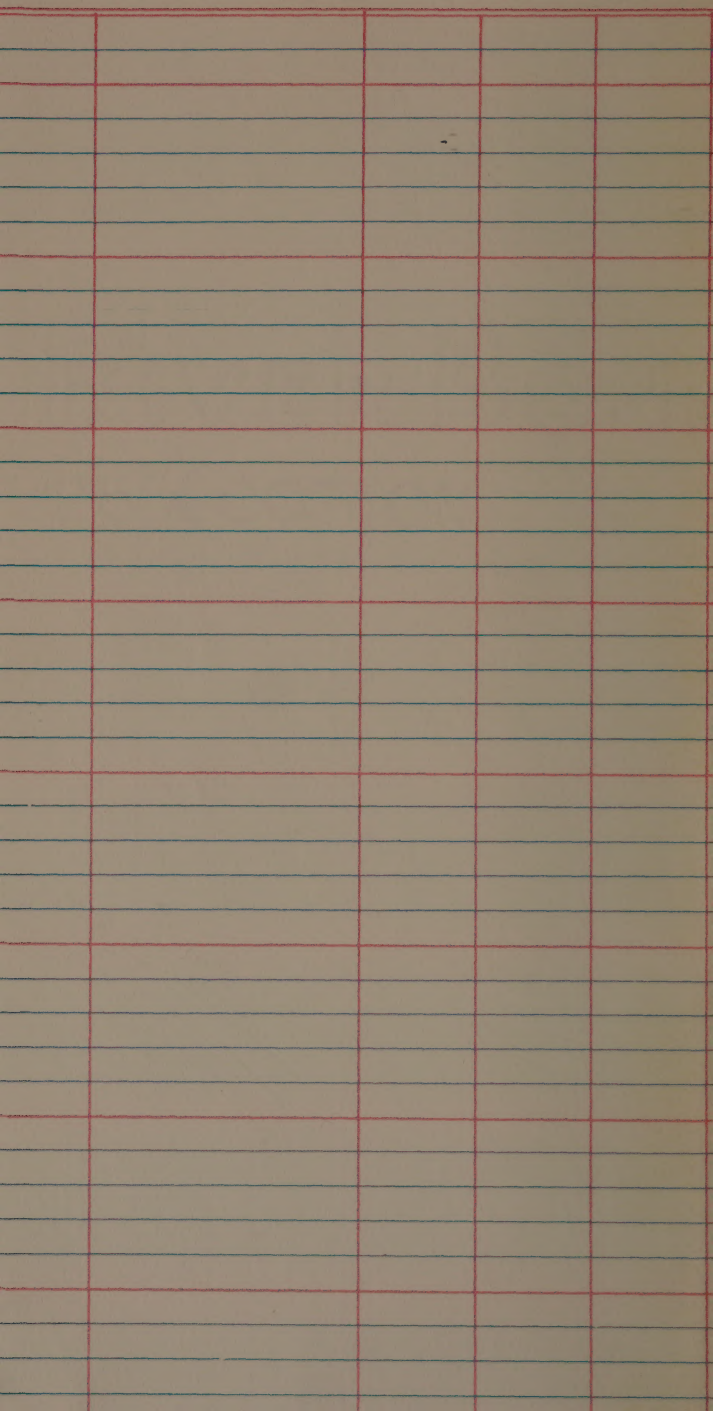
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

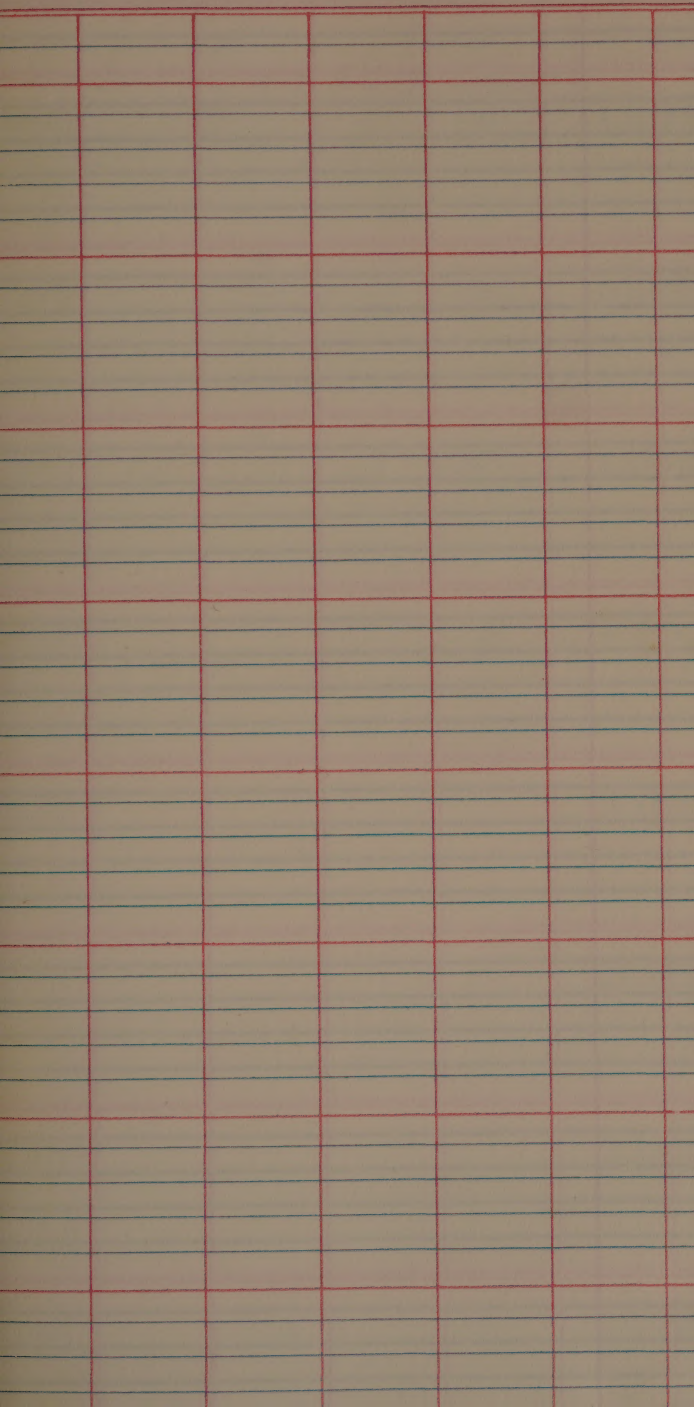
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

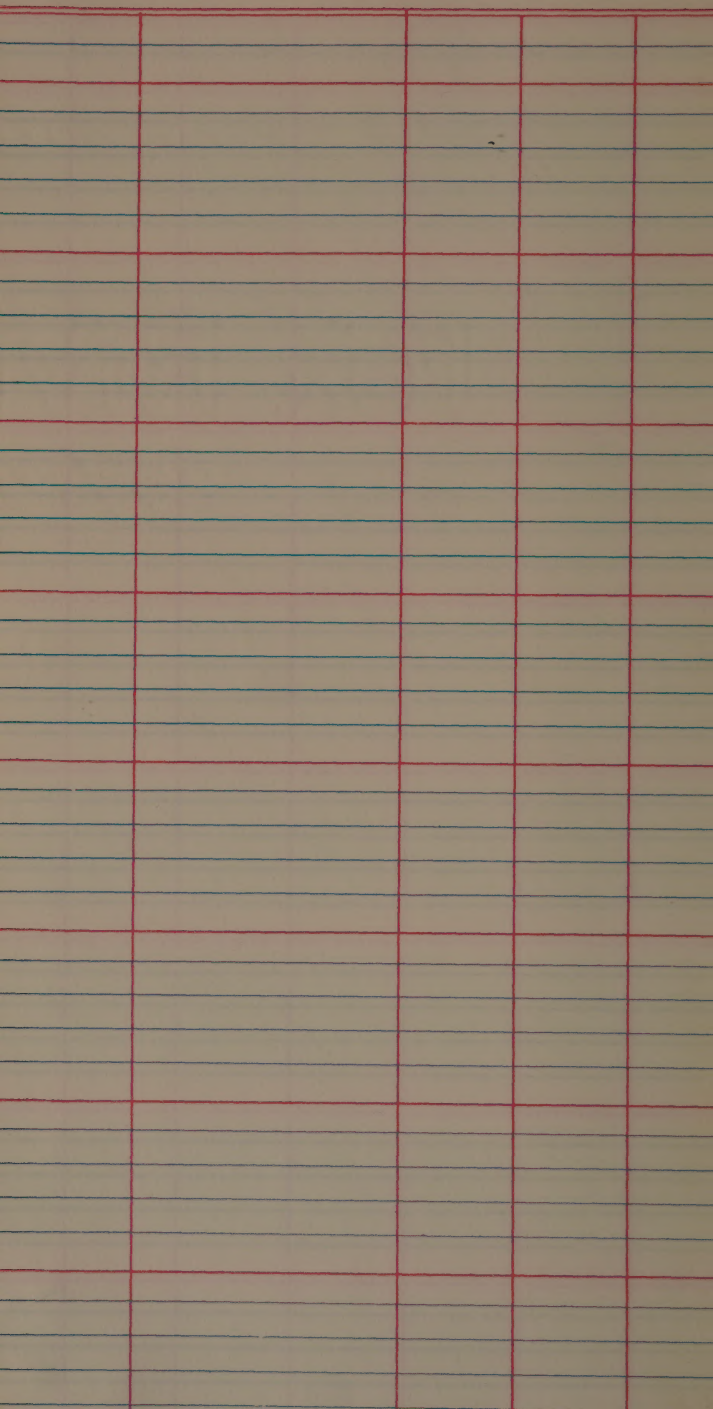


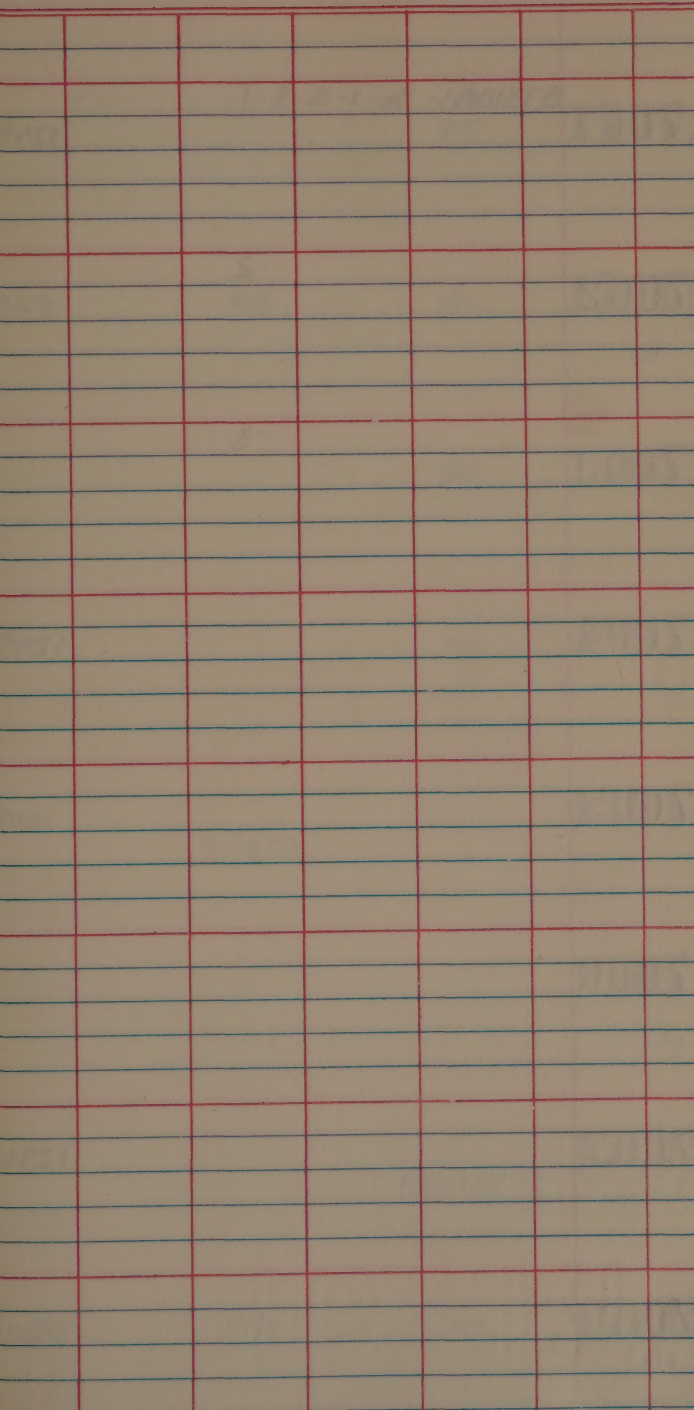














Seeded 5/30/84

S-5, TW

|       |                    |            |       |
|-------|--------------------|------------|-------|
| 17001 | B7810A1-Bk-1-5-3-1 |            | 12953 |
| 17002 |                    | -2<br>8/14 |       |
| 17003 |                    | -3         |       |
| 17004 |                    |            | 12957 |
| 17005 |                    |            |       |
| 17006 |                    |            |       |
| 17007 |                    |            | 12961 |
|       | 84/1029            |            | 5731  |
| 17008 |                    | 8/14       |       |

8/15

17009

12963

8/14

17010

8/14

17011

8/10

17012

P/P ✓

12966

84/1030

17013

17014

P/P ✓

17015

12968

8/14

17016

P/P ✓

b/c 9/25

17017

8/14 -

17018

8/14

17019

84/1031

8/15

12971

17020

17021

✓

rip

OK 9/25

17022

✓

rip

12974

17023

17024

|      |           |      |       |                      |
|------|-----------|------|-------|----------------------|
| 2976 | RV7502076 | 8/15 | 17025 | bic 9/25             |
| 2977 | 84/1032   | 8/14 | 17026 |                      |
| 2978 |           | 8/14 | 17027 | ✓<br>p/p<br>bic 9/25 |
|      |           | 8/14 | 17028 |                      |
| 2978 |           | 8/15 | 17029 |                      |
|      |           | 8/14 | 17030 | ✓<br>p/p             |
|      |           |      | 17031 |                      |
| 2982 |           |      | 17032 |                      |



17033

17034

17035

✓  
p/p  
br 9/25

84/1033

12985

17036

17037

17038

84/1034

8/12

12988

17039

✓  
p/p

br 9/25

17040

8/14

2992

84/1035

wide st. diff. across trans

17041

17042

17043

2993

17044

11p

17045

17046

3001

8/13

17047

8/14

17048

17049

8/15

17050

LMNT

Fd

bic 9/25

17051

84/1036

13004

17052

17053

9/21

17054

13009

17055

17056

13012

17057

17058

17059

3022

17060

17061

17062

13025

17063

17064

*had copy; 9/1/14*



17065

✓

P/p

bx 9/25

17066

84/1037

13028

17067

✓

P/p

17068

17069

13031

17070

17071

17072

✓ P/p

84/1038

13033

17073

17074

NWBT

Stg

17075

bk 9/25

3034

17076

17077

17078

9/2

bk 9/25

3039

17079

17080

✓ I 17081

I 17082

13040

✓ I 17083

I 17084

I 17085

13041

I 17086

I 17087

✓ I 17088

13042

17089

8/15

17090

044

17091

17092

8/15

17093

P/P ✓

048

8/14

17094

P/P ✓

17095

17096



17097

✓  
pip

84/1039

13052

17098

17099

17100

13055

17101

17102

17103

13056

17104

17105

3058

17106

17107

17108

p/p  
bik 9/25 ✓

3063

17109

17110

17111

3064

84/1040

17112

17113

17114

17115

13065

17116

Plp

bx 9/25

17117

17118

13067

17119

17120

defy; more pos. problem -

3072

17121

17122

17123

BLMT

Fd

17124

bk 9/25

3078

8/14

17125

8/15

17126

8/14

17127

p/p ✓

3081

17128



17129

17130

8/13

✓  
p/p

17131

8/14

13083

17132

8/14

17133

8/14

17134

8/13

17135

8/12

17136

13085

✓ p/p  
84/1041

bk 9/25

17137

later

17138

3086

17139

17140

17141

3090

84/1042

17142

17143

17144

p/p

bx 9/25

117145

117146

8/15

117147

8/14

13091

117148

117149

✓ p10

bk 9/25

117150

L-202

8/9

Briggs

bk 9/25

117151

✓

p10

13093

117152

17153

3095

17154

17155

17156

3098

17157

17158

17159

101

17160



17161

17162

17163

13103

17164

17165

17166

8/15

13107

17167

8/14

17168

8/13

3139

84/1043

17169

17170

p/p

bk 9/25

17171

17172

17173

LBLE

Fd

8/9

17174

bk 9/25

B7810A1-BK-73-4-4-1

3144

17175

-2

better

17176

p/p

-3

17177

17178

13145

✓ p/p

better

b/c 9/25

17179

17180

17181

13146

17182

17183

17184

13149

17185

P<sub>h</sub> ✓

bx 9/25

17186

3156

17187

17188

P<sub>h</sub> ✓

17189

13165

17190

P<sub>h</sub> ✓

bx 9/25

17191

17192



17193

13182

17194

✓

PR

17195

17196

13186

17197

17198

17199

13189

17200

17201

13191

84/1044

17202

17203

*very short surf*

17204

13198

84/1045

17205

17206

*much problem*

17207

13201

17208

17209

17210

17211

13203

17212

17213

17214

13207

✓ PR

17215

17216

3214

17217

17218

17219

3225

2/4

17220

p.p.

17221

17222

LBNT

Fd

17223

bx. 9/25

13229

17224



17225

17226

17227

13232

✓  
Pip

17228

17229

17230

13234

84/1046

17231

B7810A1-BK-95-4-1-1

17232

-2

-3

17233

-4

17234

P/c ✓

bx 9/25

5245

17235

17236

17237

P/c ✓

bx 9/25

17238

8/15

17239

5259

17240

17241

17242

17243

13262

17244

✓

P/p

better

br 9/25

17245

17246

13267

17247

17248

RUS303089

89

17249

bk 9/25

13278

17250

17251

17252

13279

17253

17254

17255

BT810A1-Bk-109-4-1-1

13286

17256



17257

-2

✓

Pip

better

bk 9/25

17258

-3

17259

13289

17260

17261

17262

8/13

13292

✓  
9/18

17263

8/13

17264

8/13

13296

8/14

17265

8/14

17266

p

8/15

17267

13311

17268

17269

17270

13319

17271

17272

p/d ✓

17273

17274

RV8303046

46

bic 9/25

17275

13322

17276

17277

17278

13327

84/1047

17279

17280

✓ ele

bic 9/25

13336

17281

17282

17283

13337

8/14

17284

P/P ✓

8/13

17285

8/12

17286

13338

84/1048

8/13

17287

8/12

17288

P/P ✓  
br 9/26/1



17289

17290

13339

17291

17292

✓  
pk

17293

13340

17294

17295

17296

13343

✓  
elf  
bx 9126

17297

17298

13344

17299

P/P ✓

17300

17301

13346

17302

17303

P/P ✓

17304

17305

13347

✓  
p/p  
bx 9/26

17306

17307

17308

13349

17309

8/13

17310

8/12

✓  
p/p  
bx 9/26

17311

8/14

13353

17312

17313

P/P

bx 9/26

13358

8/15

17314

17315

8/15

17316

better

P/P

bx 9/26

13361

17317

8/15

17318

8/14

17319

P/P

13366

84/1049

17320



17321

✓ 8/10

bx 9/26

17322

17323

RU8303116

8/10

116

bx 9/26

17324

13364

17325

17326

17327

8/13

13367

17328

8/14

|       |  |        |  |      |       |                     |
|-------|--|--------|--|------|-------|---------------------|
|       |  |        |  | 8/13 | 17329 | ✓<br>Pip<br>bx 9/26 |
|       |  | better |  |      |       |                     |
| 13372 |  |        |  | 8/12 | 17330 |                     |
|       |  |        |  |      |       |                     |
|       |  |        |  | 8/12 | 17331 | ✓<br>Pip<br>bx 9/26 |
|       |  | better |  |      |       |                     |
|       |  |        |  | 8/12 | 17332 |                     |
|       |  |        |  |      |       |                     |
| 13375 |  |        |  |      | 17333 |                     |
|       |  |        |  |      |       |                     |
|       |  |        |  |      | 17334 |                     |
|       |  |        |  |      |       |                     |
|       |  |        |  |      | 17335 |                     |
|       |  |        |  |      |       |                     |
| 13388 |  |        |  |      | 17336 |                     |

17337

✓  
p/p

better

bx 9/26

17338

17339

13391

17340

17341

17342

13394

17343

17344

✓  
p/p

13408

84/1050

17345

17346

17347

*much taller now*

13414

84/1051

2/14

17348

17349

3/15

17350

P/P

bk 9/26

LEAH

Cro

17351

bk 9/26

13420

17352



I 17353

I 17354

I 17355

8/14

13423

I 17356

8/15

I 17357

8/14

✓ P/P

better

bx 9/26

I 17358

13429

I 17359

✓ P/P

I 17360

13432

84/1052

17361

✓

P/c

bx 9/26

17362

17363

13435

17364

17365

17366

13437

17367

17368

117369

117370

13446

117371

117372

117373

TBNT

8/11

5tg

bk 9126

117374

13448

117375

117376

8/14

✓ 8/8



13462

17377

17378

p/p ✓

17379

13470

84/1053

17380

17381

p/p ✓  
bx 9/26

17382

13471

17383

17384

p/p ✓



117385

117386

13478

117387

117388

117389

8/12

13479

84/1054

✓ P1P

bx 9/26

5901

117390

8/14

117391

8/14

117392

8/13

13483

8/15

17393

✓

PJP

bx 9126

8/14

17394

13488

8/15

17395

8/14

17396

17397

13491

17398

17399

17400

B7810A1-

117401

13492

117402

117403

117404

13497

117405

117406

117407

84/1055

13498

5114

117408

quadrante



/ 17409

3507

17410

8/15

17411

8/14

17412

3508

8/13

17413

8/13

17414

8/12

17415

P/P ✓

3512

8/14

17416

P/P ✓

bnc 9/24



17417

8/14-

17418

17419

13513

17420

17421

8/14

17422

13516

17423

17424

Toro-2

Cro

17425

bk 9/26

13522

17426

17427

17428

P<sub>1</sub>✓

13523

84/1056

17429

17430

P<sub>1</sub>✓

bk 9/26

17431

13525

17432

17433

17434

17435

13530

17436

17437

17438

13533

17439

17440



3534

17441

17442

17443

3537

17444

814

17445

P/P ✓

bk 9/26

17446

3538

17447

17448



17449

17450 BOND

8/10

Stg

br 9126

17451

13541

17452

17453

17454

13542

17455

17456

13544

17457

17458

17459

13546

84/1057

8/15

17460

✓  
P/P

bx 9/26

*Not as good as some others*

8/15

17461

17462

13547

8/14

17463

17464

P/P

✓

17465

17466

13548

17467

17468

17469

13554

17470

17471

17472

13560

17473

17474

NWRX

Fd

17475

bk 9/26

3564

17476

17477

17478

3565

17479

Pp ✓

bk 9/26

17480



17481

17482

13567

17483

17484

17485

13569

17486

17487

8/13

17488

84/1058

13571

17489

P/p

bk 9/26

17490

13575

17491

17492

17493

13577

8/14

17494

8/15

17495

P/p

bk 9/26

8/15

17496

17497

✓ p/p

84/1059

13580

17498

17499

17500

13581

17501

17502

17503

13584

17504

17505

13587

17506

17507

17508

13588

17509

17510

17511

13593

17512





13603

No plants

17521

17522

17523

76

STBN

17524

bk 9/26

13604

17525

17526

17527

13608

17528

17529

17530

✓ P/p

bx 9/26

17531

13614

17532

17533

17534

✓ P/p

bx 9/26

8/15

13616

17535

17536

8/14

13618

17537

8/13

17538

P/p

bk 926

8/14

17539

13625

17540

17541

17542

13627

17543

17544



17545

17546

13628

17547

17548

17549

SKBT

8/12

Fd

br 9/26

17550

13629

17551

17552

13631

17553

17554

17555

13636

17556

17557

17558

13640

8114

17559

A<sub>1</sub>✓

17560

88  
17561

17562

13641

17563

8/14

✓  
P/p

17564

8/14

17565

8/14

13643

✓  
P/p

17566

17567

17568

13645

✓ P/p

8/14

17569

17570

13646

8/14

17571

*very good early leaf*

P/P

bx 9/26

17572

8/13

17573

RU8003009

9

8/11

17574

bx 9/26

13651

8/15

17575

17576



17577

17578

13656

17579

17580

17581

8/14

13662

✓  
p/p  
bx 9/26

Very good

17582

8/14

17583

8/14

17584

8/13

13663

very good; info

bx 9/26

8/15

17585

8/15

17586

✓  
P/p

13666

17587

very good

17588

✓  
P/p

bx 9/26

17589

13668

8/14

17590

✓  
P/p  
bx 9/26

17591

17592

17593

8/14

13670

✓  
P/p

very good

br 9/26

17594

17595

17596

13682

17597

17598

CICA-7

17599

82/Rush

CICA-9

17600

82/Rush

Seeded 5/31/84

S-5, 6W

39

13686

17601

17602

17603

3689

17604

17605

17606

3698

17607

17608



17609

17610

13707

17611

17612

17613

13712

17614

17615

17616

13719

17617

17618

13721

17619

17620

17621

13731

17622

17623

17624

17625 LMNT Fd

bic 9/26

17626 13735

17627 8/14

17628 8/14

17629 13740

17630

17631

17632 13742

17633

17634

13750

8/13

17635

17636

17637

13752

17638

17639

17640



17641

13753

17642

17643

17644

13757

17645

17646

17647

13759

17648

17649

13762

17650

8/14

17651

8/14

17652

RU7502076

12976

17653

bx 9/26

BT810A1-Bk5-1

13768-800

17654

MP ✓

bx 9/26

-2

8/15

17655

-3

8/14

17656

17657

13768-800

17658

17659

17660

17661

17662

17663

2/14

17664

3768-800

17665

17666

17667

17668

✓  
p/p

17669

17670

17671

8/15

17672



|       |              |  |           |
|-------|--------------|--|-----------|
| 17673 | BT810A1-Bk5- |  | 13768-800 |
|-------|--------------|--|-----------|

|       |  |      |  |
|-------|--|------|--|
| 17674 |  | 8/13 |  |
|-------|--|------|--|

|         |      |     |     |
|---------|------|-----|-----|
| 17675   | BOND | 8/9 | Stg |
| bx 9/26 |      |     |     |

|       |              |  |  |
|-------|--------------|--|--|
| 17676 | BT810A1-Bk5- |  |  |
|-------|--------------|--|--|

|       |  |  |  |
|-------|--|--|--|
| 17677 |  |  |  |
|-------|--|--|--|

|       |  |  |  |
|-------|--|--|--|
| 17678 |  |  |  |
|-------|--|--|--|

|       |  |  |  |
|-------|--|--|--|
| 17679 |  |  |  |
|-------|--|--|--|

|       |  |  |  |
|-------|--|--|--|
| 17680 |  |  |  |
|-------|--|--|--|

3768-800

2/14

17681

17682

17683

✓  
9/18

17684

2/15

17685

17686

✓  
9/18

box 9/26

17687

17688

17689

13768-800

17690

17691

✓  
P/P

17692

17693

17694

17695

17696

✓ P/P  
br. obj.

productive  
NMS

3768-800

17697

17698

17699

17700

17701

17702

17703

17704



17705

13768-800

17706

8/13

17707

17708

17709

8/14

17710

17711

17712

3768-800

17713

17714

3114

17715

17716

17717

17718

17719

17720

17721

13768-800

17722

8/13

✓  
P/P

17723

17724

8/14

17725

NWBT

Sig

bic 9/26

17726

17727

17728

3768-800

17729

17730

✓  
1/8

17731

8/11

17732

✓  
P/c

17733

17734

8/15

17735

8/12

17736



17737

13768-800

17738

8/13

✓ P/P

17739

17740

17741

✓ P/P

17742

17743

2/10

17744

168-800

17745

17746

17747

17748

17749

LBLE

Fd

8/9

17750

bx 9/26

17751

8/11

17752

P/E ✓

17753

13768-800

17754

✓ P/c

17755

17756

17757

17758

17759

✓ P/c

17760

8/13

1768-800

17761

17762

17763

better

✓  
8/10

bnc 9126

17764

17765

17766

17767

✓  
8/10

8/15

17768



17769

13768-800

17770

17771

8/12

17772

17773

17774

17775

BLMT

Fd

br 9/26

17776

3768-800

8113

17777

17778

17779

17780

17781

✓  
P/D

17782

✓  
P/D

17783

17784

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13768-800

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3768-800

N<sub>B</sub>

17793

p<sub>10</sub> ✓

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17799

17800



17801

13768-800

17802

17803

8/14

17804

17805

17806

17807

✓ Pie

17808

3768-800

17809

17810

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17812

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13768-800

17818

8/13

17819

17820

17821

8/15

✓  
P/p

box 9/26

17822

8/15

✓  
P/p

17823

17824

RU8303046

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17825

bx 9/26

T68-800

17826

✓  
P/g

bx 9/26

17827

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13768-800

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8768-800

17841

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13768-800

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13768-800

✓  
P/R  
17866

✓  
P/R  
17867

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17870

✓  
P/R  
17871

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17873

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17874

LBNT

Fd

17875

bk 9/26

17876

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17877

✓  
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8/15

✓  
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17886

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PI 408449

18992-19000

br 9/19

LBLE-X2-2

11000

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17889

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| 17897 | 1BLE-X2-2 | 8/14 | 11000 |
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| 17898 | " | 8/14 | " |
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| 17899 | " |  | " |
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| 17900 | " |  | " |
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| 17901 | B786A3-B <sub>2</sub> -2-1-3-1 |  | 14003 |
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| 17902 |  | -2 |  |
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| 17903 |  | -3 |  |
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| 17904 |  |  | 14007 |
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18004

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18076

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|---------|-----------|------|-------|
| 82/2159 | 76/1227-1 | 8/11 | 18193 |
| 6826    | RU7903157 |      | 18194 |
| 82/8773 | RU7802098 |      | 18195 |
| 8681    | RU7801067 |      | 18196 |
| 9651    | RU7801007 |      | 18197 |
| 12276   | RU7802003 | 8/12 | 18198 |
| 9175    | RU7603069 |      | 18199 |
| 5552    | RU7701074 |      | 18200 |

Seeded 5/31/84

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UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

# FIELD NOTEBOOK

## AGRONOMIC NOTES

If found, please tie securely and return to

-----  
(Employee's Name)

-----  
(Street Address)

-----  
(City and State)

# SCALE FOR ESTIMATING RUST

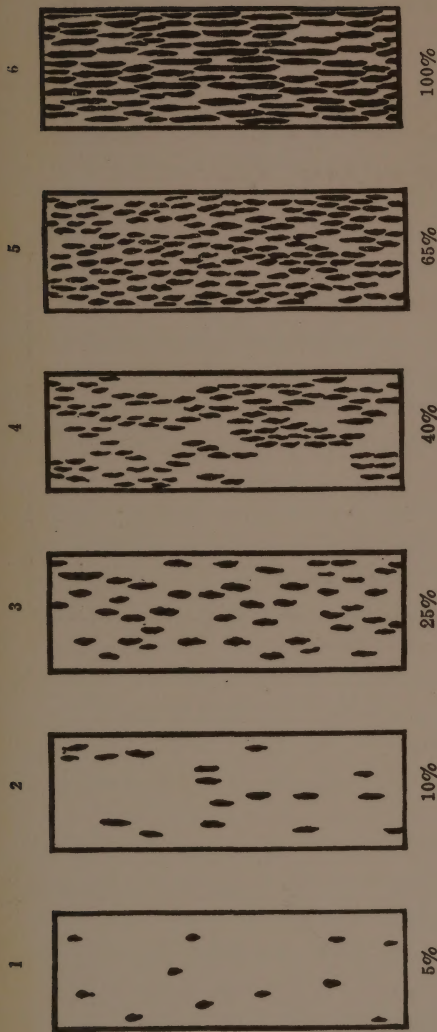


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

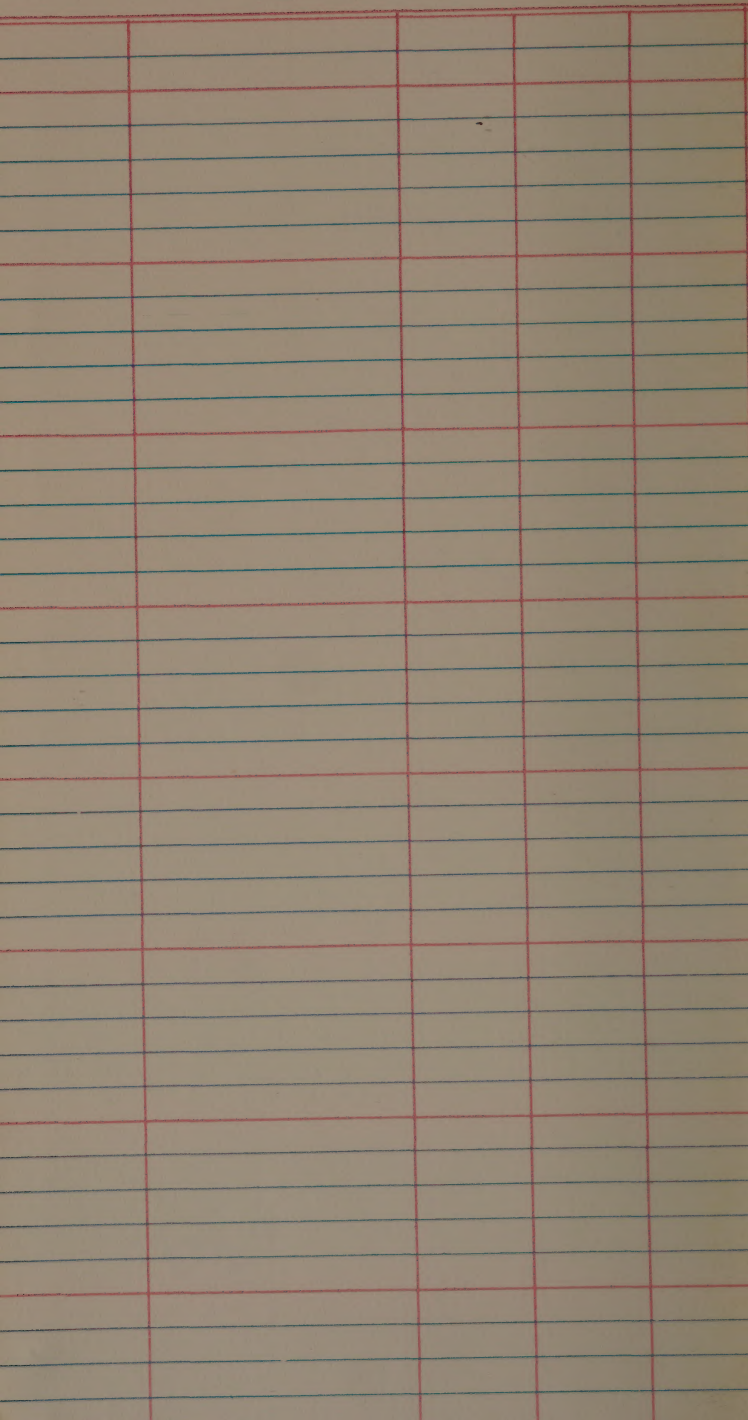
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

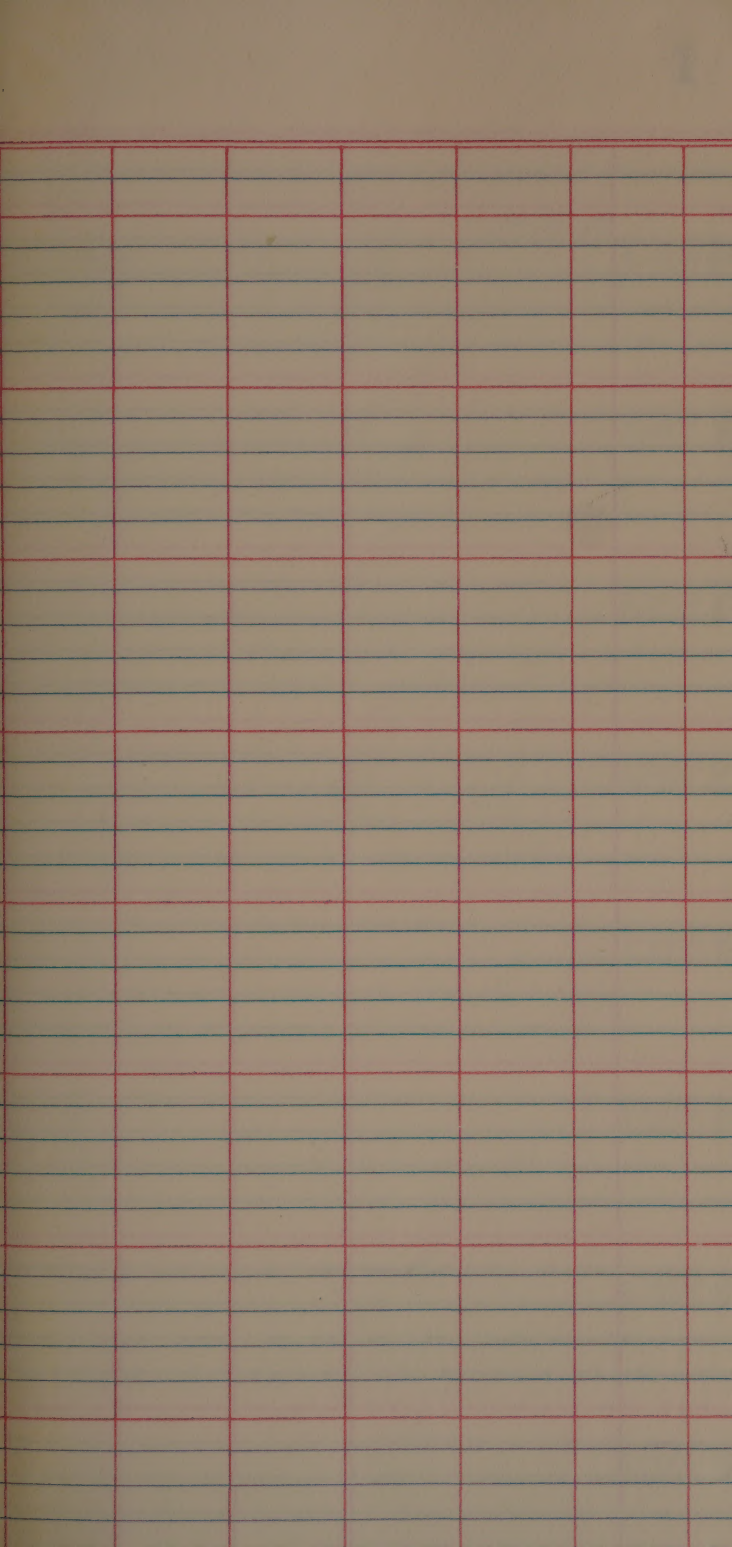
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

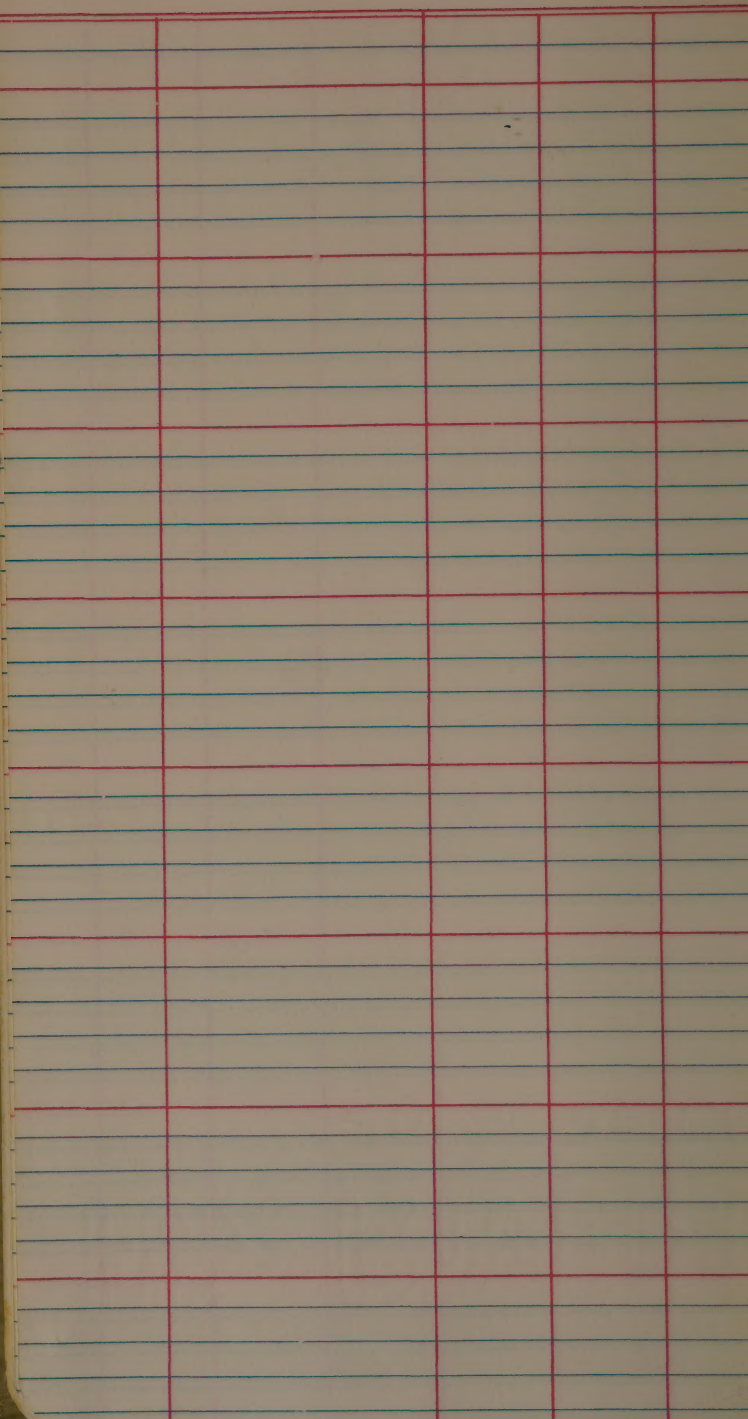


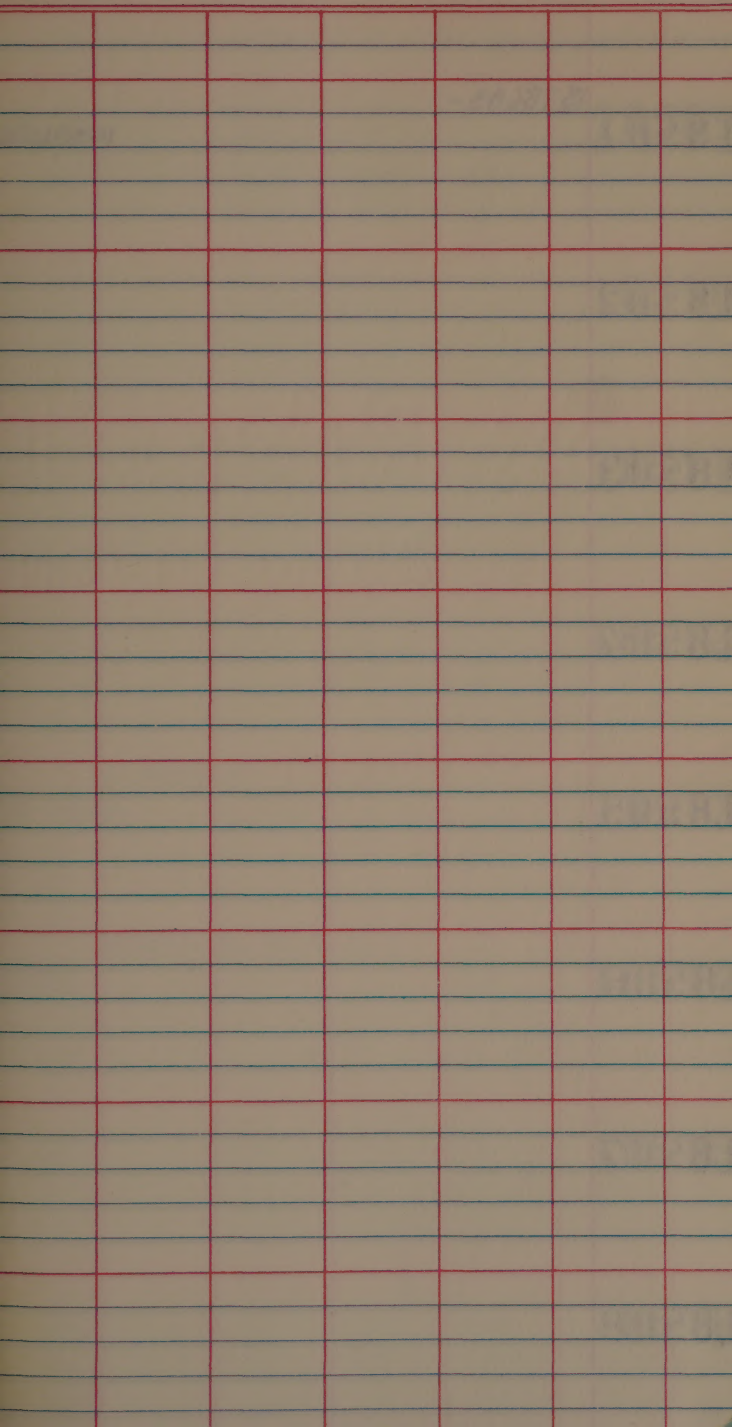














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|                |  |      | 18610 |
| PI 315650      |  |      | 18611 |
| 2/2110         |  |      |       |
| 8781A1- Bks -1 |  | 8/10 | 18612 |
| 3925-59        |  |      |       |

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| 18613 | B781A1-B <del>5</del> -2 | 8/10 | 13925-59 |
| 18614 | -3                       | 8/14 |          |
| 18615 | -4                       | 8/10 |          |
| 18616 | -5                       | 8/12 |          |
| 18617 | -6                       | 8/9  |          |
| 18618 | -7                       |      |          |
| 18619 | -8                       | 8/11 |          |
| 18620 | -9                       | 8/14 |          |

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| 18647 | 8/11 |  |
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| 18649 | 8/13 |  |
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| 18650 | Toro-2 | Cro |
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| 18651 | 8/12 |  |
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18713

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18714

8/11

18715

8/14

18716

8/14

8925-59

8113

18717

18718

8114

18719

18720

8114

18721

18722

8110

18723

8112

18724



LBIE-X2-2

18725

8/11

11000

18726

8/10

13925-59

18727

8/14

18728

8/14

18729

8/11

18730

18731

18732

8/14

925-59

8/14

18733

8/14

18734

8/13

18735

8/12

18736

8/14

18737

8/13

18738

18739

8/13

18740

18741

8/12

13925-50

18742

8/14

18743

8/10

18744

8/14

18745

8/11

18746

8/12

18747

8/13

18748

8/9

925-59

18749

LMNT

Fd

18750

8/14

18751

8/14

18752

8/11

18753

8/19

18754

8/10

18755

18756



18757

8/10

13925-5

18758

18759

18760

18761

8/10

18762

8/10

18763

8/12

18764

8925-59

18765

8/11

18766

8/13

18767

8/14

18768

8/12

18769

8/13

18770

8/13

18771

18772

18773

B781A1-

13925-5

18774

PI 408449

15992-1400

18775

"

"

18776

"

"

B7E 10/4

18777

"

"

18778

"

"

18779

"

"

18780

"

"

|           |   |  |  |  |  |       |
|-----------|---|--|--|--|--|-------|
| PI 408449 |   |  |  |  |  | 18781 |
| 892-19000 |   |  |  |  |  |       |
| "         | " |  |  |  |  | 18782 |
| "         | " |  |  |  |  |       |
| "         | " |  |  |  |  | 18783 |
| "         | " |  |  |  |  |       |
| "         | " |  |  |  |  | 18784 |
| "         | " |  |  |  |  |       |
| "         | " |  |  |  |  | 18785 |
| "         | " |  |  |  |  |       |
| "         | " |  |  |  |  | 18786 |
| "         | " |  |  |  |  |       |
| "         | " |  |  |  |  | 18787 |
| "         | " |  |  |  |  |       |
| "         | " |  |  |  |  | 18788 |



|       |           |         |             |
|-------|-----------|---------|-------------|
| 18789 | PI 408449 |         | 18992-19000 |
| 18790 | "         |         | "           |
| 18791 | "         |         | "           |
| 18792 | "         | OK 10/4 | "           |
| 18793 | "         |         | "           |
| 18794 | "         |         | "           |
| 18795 | "         |         | "           |
| 18796 | "         |         | "           |

Seeded 5/31/84

S-5, 13 E

Selected p/p from some B8129A1 rows but all  
probably are too poor for progeny rows in 1985;  
probably best to bulk all p/p rows and grow as  
bulk in 1985 (apart from the bulk 19196-224)

20

PI 408449

8992-19000

18797

"

BK 1014

18798

"

18799

"

18800

B8129A1-BK-1

20302-49

18801

LMWT / mutica

p/p ✓

-2

18802

-3

18803

-4

18804

p/p ✓

18805

B8129A1-BK-5

20302-49

18806

-6

8/16

18807

-7

8/14

18808

-8

18809

-9

8/18

18810

-10

18811

-11

8/15

18812

-12

✓ 8/12

|         |               |      |                |
|---------|---------------|------|----------------|
| 0302-49 | BS129A1-Bk-13 | 8/18 | 18813          |
|         | -14           |      | 18814          |
|         | -15           |      | 18815          |
|         | -16           |      | 18816<br>p/p ✓ |
|         | -17           |      | 18817          |
|         | -18           |      | 18818          |
|         | -19           | 8/15 | 18819<br>p/p ✓ |
|         | -20           |      | 18820<br>p/p ✓ |



18821

B8129A1-BK-21

8/14

20302-49

18822

-22

8/13

18823

-23

18824

-24

8825

Mutica

8/14

Cogburn

CI 12273

8826

-25

✓ rip

8827

-26

8828

-27

8/18

0302-49 B8129A1-Bx-28

18829

-29

18830

p/p ✓

-30

8/18

18831

-31

18832

p/p ✓

-32

18833

p/p ✓

-33

8/19

18834

p/p ✓

-34

18835

-35

8/13

18836

B8129A1-Bk-36

18837

20302-49

✓ pip

-37

18838

-38

18839

✓ pip

-39

18840

✓ pip

-40

18841

✓ pip

-41

18842

8/16

-42

18843

✓ pip

-43

18844



|         |               |      |       |
|---------|---------------|------|-------|
| 0302-49 | B8129A1-Bk-44 |      | 18845 |
|         | -45           |      | 18846 |
|         | -46           | 8/14 | 18847 |
|         | -47           |      | 18848 |
|         | -48           | 8/18 | 18849 |
| Fd      | LMNT          |      | 18850 |
|         | -49           |      | 18851 |
|         | -50           |      | 18852 |



18853

-51

20302-49

18854

-52

18855

-53

18856

-54

✓  
8/12  
18857

-55

8/13

✓  
8/12  
18858

-56

8/16

✓  
8/12  
18859

-57

✓  
8/15  
18860

-58

8/15

|          |               |      |       |
|----------|---------------|------|-------|
| 20302-49 | B8129A1-BK-59 | 8/16 | 18861 |
|          | -60           | 8/15 | 18862 |
|          | -61           |      | 18863 |
|          | -62           | 8/13 | 18864 |
|          | -63           |      | 18865 |
|          | -64           |      | 18866 |
|          | -65           |      | 18867 |
|          | -66           |      | 18868 |

118869

BS129A1-Bx-67

8/11

20302-49

118870

-68

118871

-69

118872

-70

8/16

✓ 9/18

118873

-71

118874

-72

118875

Nam Sagui 19

Space Block

118876

-73

8/17



|         |                              |      |        |
|---------|------------------------------|------|--------|
| 0302-49 | B8129A1-Bk-74                | 8/13 | 18877  |
|         | -75                          | 8/17 | 18878  |
|         | -76                          |      | 18879  |
|         | -77                          | 8/16 | 18880  |
|         | very tall but some good lpts |      | 8/16 ✓ |
|         | -78                          |      | 18881  |
|         | -79                          | 8/17 | 18882  |
|         | -80                          |      | 8/16 ✓ |
|         | -81                          |      | 18883  |
|         |                              |      | 18884  |



|       |               |      |          |
|-------|---------------|------|----------|
| 18885 | B8129A1-BK-82 | 8/14 | 20302-49 |
| 18886 | -83           |      |          |
| ✓ pip |               |      |          |
| 18887 | -84           | 8/18 |          |
| 18888 | -85           |      |          |
| 18889 | -86           | 8/19 |          |
| 18890 | -87           | 8/13 |          |
| 18891 | -88           |      |          |
| 18892 | -89           |      |          |
| ✓ pip |               |      |          |

302-49

-90

18893

-91

8/14

18894

-92

18895

-93

18896

-94

8/18

18897

-95

8/13

18898

-96

18899

-97

18900

B8129A1-BK-98

18901

20302-49

18902

-99

8/14

18903

-100

18904

-101

18905

-102

18906

-103

8/18

18907

-104

8/15

18908

-105

0302-49

-106

18909

-107

18910

-108

8/12

18911

-109

18912

-110

18913

-111

18914

-112

18915

-113

18916

✓



D8129 A1-Bk - 114

18917

20302-49

18918

-115

8/19

18919

-116

8/13

18920

-117

18921

-118

✓ P1P

18922

-119

8/13

18923

-120

18924

-121

✓ P1P

## PCOS

Fd

18925

B8129A1-BK-122

20302-49

813

18926

-123

18927

-124

18928

Pip

-125

18929

-126

18930

$$-12\pi$$

8/17

18931

821-

18932

B8129A1-BK-129

18933

20302-49

-130

18934

-131

18935

-132

8/15

18936

-133

8/16

18937

-134

18938

✓ PIP

-135

8/19

18939

-136

18940

|         |                             |                       |
|---------|-----------------------------|-----------------------|
| 0302-49 | B8129A1-Bx-137              | 18941                 |
|         | -138<br><i>smooth right</i> | 18942<br><i>pic</i> ✓ |
|         | -139                        | 18943                 |
|         | -140                        | 18944                 |
|         | -141                        | 2/13 18945            |
|         | -142                        | 18946                 |
|         | -143                        | 18947                 |
|         | -144                        | 18948                 |



B8129A1-BK-145

18949

BRAZ-X2-1

18950

2128

-146

18951

8/14

-147

18952

8/18

✓ pip

-148

18953

✓ pip

-149

18954

-150

18955

✓ pip

-151

18956

|          |                        |      |       |
|----------|------------------------|------|-------|
| 20302-49 | B8129A1 - Bk - 152     |      | 18957 |
|          | -153                   |      | 18958 |
|          | -154                   | 8/15 | 18959 |
|          | -155                   |      | 18960 |
|          | very tall ; smooth mpt |      |       |
|          | -156                   |      | 18961 |
|          | -157                   |      | 18962 |
|          | -158                   | 8/18 | 18963 |
|          | -159                   | 8/16 | 18964 |

|       |                |      |          |
|-------|----------------|------|----------|
| 18965 | B8129A1-BK-160 | 8/16 | 20302-49 |
|-------|----------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 18966 | -161 | 8/13 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 18967 | -162 | 8/15 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 18968 | -163 | 8/17 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 18969 | -164 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 18970 | -165 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 18971 | -166 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 18972 | -167 | 8/18 |  |
|-------|------|------|--|

0302-49

-168

18973

-169

8/16

18974

Nanking Sel.

118

8/17

18975

-170

8/16

18976

-171

8/15

18977

✓  
P/R

-172

18978

-173

18979

-174

8/16

18980



|       |                |          |
|-------|----------------|----------|
| 18981 | B8129A1-BK-175 | 20302.49 |
|-------|----------------|----------|

|       |              |  |
|-------|--------------|--|
| 18982 | -176<br>8/19 |  |
|-------|--------------|--|

|       |              |  |
|-------|--------------|--|
| 18983 | -177<br>8/18 |  |
|-------|--------------|--|

|       |      |  |
|-------|------|--|
| 18984 | -178 |  |
|-------|------|--|

|       |              |  |
|-------|--------------|--|
| 18985 | -179<br>8/17 |  |
|-------|--------------|--|

|       |      |  |
|-------|------|--|
| 18986 | -180 |  |
|-------|------|--|

|       |              |  |
|-------|--------------|--|
| 18987 | -181<br>8/17 |  |
|-------|--------------|--|

|       |              |  |
|-------|--------------|--|
| 18988 | -182<br>8/18 |  |
|-------|--------------|--|

|         |                  |      |                |
|---------|------------------|------|----------------|
| 0302-49 | B8129A1- Bk- 183 |      | 18989          |
|         | -184             |      | 18990          |
|         | -185             |      | 18991<br>1/6 ✓ |
|         | -186             | 8/16 | 18992          |
|         | -187             | 8    | 18993          |
|         | -188             | 8/18 | 18994          |
|         | -189             | 8/18 | 18995          |
|         | -190             |      | 18996          |

18997

B8129A1-BK-191

20302-49

✓ PIP

18998

-192

✓ PIP

18999

-193

19000

-194

19001

-195

19002

-196

19003

-197

19004

-198

0302-49

-199

8/18

19005

-200

8/12

19006

-201

8/18

19007

-202

19008

-203

8/19

19009

-204

19010

-205

19011

-206

19012



19013

B8129A1-BK-207

20302-49

✓ Pip

19014

-208

✓ Pip

19015

-209

19016

-210

19017

-211

19018

-212

19019

-213

8/16

19020

-214

0302-49

-215

19021

p/p ✓

-216

19022

p/p ✓

-217

19023

-218

8/15

19024

33

MARS

19025

-219

19026

-220

19027

-221

19028

p/p

B8129A1-BK-222

19029

8/13

20302-49

-223

19030

-224

19031

-225

19032

8/19

-226

19033

8/14

-227

19034

8/17

-228

19035

8/16

-229

19036

8/15

0302-49

-230

8/16

19037

-231

8/18

19038

-232

8/17

19039

P16 ✓

-233

8/13

19040

-234

8/16

19041

P17 ✓

-235

19042

P18 ✓

-236

8/13

19043

-237

8/16

19044

P19 ✓



|       |                |      |          |
|-------|----------------|------|----------|
| 19045 | B8129A1-BK-238 | 8/18 | 20302-49 |
| ✓ pip |                |      |          |
| 19046 | -239           |      |          |
| ✓ pip |                |      |          |
| 19047 | -240           |      |          |
|       |                |      |          |
| 19048 | -241           | 8/16 |          |
|       |                |      |          |
| 19049 | -242           |      |          |
|       |                |      |          |
| 19050 | LBLE-X2-2      | 8/16 | 11000    |
|       |                |      |          |
| 19051 | -243           | 8/13 |          |
|       |                |      |          |
| 19052 | -244           | 8/15 |          |

0302-49

-245

8/19

19053

-246

8/15

19054

-247

19055

-248

8/15

19056

-249

8/17

19057

-250

8/16

19058

-251

8/14

19059

P/P ✓

-252

19060

B8129A1-BK-253

19061

20302-49

✓ PIP

-254

19062

8/13

-255

19063

-256

19064

-257

19065

-258

19066

8/16

✓ PIP

-259

19067

8/14

-260

19068

8/19

0302-49

-261 - 207 - 1905/25

8/18

19069

-262

8/18

19070

-263

8/17

19071

-264

19072

-265

8/13

19073

-266

8/14

19074

BRAZ

19075

-267

8/13

19076



|       |                |      |          |
|-------|----------------|------|----------|
| 19077 | B8129A1-Bk-268 | 8/18 | 20302-49 |
|-------|----------------|------|----------|

|       |      |  |  |
|-------|------|--|--|
| 19078 | -269 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 19079 | -270 | 8/13 |  |
|-------|------|------|--|

✓  
8/18

|       |      |      |  |
|-------|------|------|--|
| 19080 | -271 | 8/19 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 19081 | -272 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 19082 | -273 | 8/15 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 19083 | -274 | 8/14 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 19084 | -275 | 8/16 |  |
|-------|------|------|--|

0302-49

-276

8/14

19085

-277

8/18

19086

-278

8/13

19087

-279

8/16

19088

40<sup>✓</sup>

-280

8/16

19089

-281

19090

-282

8/17

19091

-283

19092

B8129A1-Bk-284

19093

20302-49

-285

19094

8/14

-286

19095

8/11

-287

19096

8/12

-288

19097

8/15

-289

19098

-290

19099

8/14

-291

19100

8/16

0302-49

-292

19101

p/p ✓

-293

19102

-294

19103

-295

19104

-296

8/16

19105

-297

8/17

19106

-298

8/16

19107

-299

19108



B8129A1-Bk - 300

191109

20302-49

-301

191110

8/15

-302

191111

-303

191112

-304

191113

-305

✓  
191114

-306

191115

-307

191116

|         |                |      |                   |
|---------|----------------|------|-------------------|
| 0302-49 | BS129A1-Bk-308 | 8/18 | 19117             |
|         | -309           |      | 19118             |
|         | -310           |      | 19119             |
|         | -311           | 8/18 | 19120             |
|         | -312           | 8/18 | 19121             |
|         | -313           |      | 19122             |
|         | -314           | 8/14 | 19123<br>Piv<br>P |
|         | -315           | 8/17 | 19124             |

|       |        |       |         |
|-------|--------|-------|---------|
| 19125 | Mutica | 8/15- | Carburn |
|-------|--------|-------|---------|

|       |                |      |          |
|-------|----------------|------|----------|
| 19126 | B8129A1-BK-316 | 8/15 | 20302-49 |
|-------|----------------|------|----------|

|       |      |  |  |
|-------|------|--|--|
| 19127 | -317 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19128 | -318 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19129 | -319 |  |  |
|-------|------|--|--|

✓ PIP

|       |      |      |  |
|-------|------|------|--|
| 19130 | -320 | 8/17 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 19131 | -321 |  |  |
|-------|------|--|--|

✓ PIP

|       |      |  |  |
|-------|------|--|--|
| 19132 | -322 |  |  |
|-------|------|--|--|



0302-49

-323

19133

-324

8/17

19134

-325

8/14

19135

-326

8/16

19136

-327

8/17

19137

-328

8/14

19138

-329

8/15

19139

-330

8/12

19140



19141

B8129A1-BK-331

20302-49

19142

-332

8/15

19143

-333

✓  
PIP

19144

-334

8/17

19145

-335

19146

-336

8/13

19147

-337

8/18

19148

-338

0302-49

-339

8/16

19149

NATO

50

19150

-340

19151

-341

8/16

19152

-342

19153

-343

8/16

19154

-344

19155

-345

8/15

19156

19157

B8129A1-BK-346 -

20302-49

19158

-347  
8/17

19159

-348

19160

-349  
8/16

19161

-350  
8/17

19162

-351

19163

-352

19164

-353



0302-49

-354

19165

-355

19166

-356

19167

-357

19168

p/p ✓

-358

8/16

19169

-359

19170

-360

19171

-361

19172



|       |                |      |          |
|-------|----------------|------|----------|
| 19173 | B8129A1-Bx-362 | 8/15 | 20302-49 |
|-------|----------------|------|----------|

|       |      |  |  |
|-------|------|--|--|
| 19174 | -363 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19175 | -364 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19176 | -365 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19177 | -366 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19178 | -367 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19179 | -368 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 19180 | -369 | 8/18 |  |
|-------|------|------|--|

|           |                                |      |       |
|-----------|--------------------------------|------|-------|
| 0302-49   | B8129A1-Bk-370                 | 8/16 | 19181 |
|           | ~371                           |      | 19182 |
| 912-19000 | PI 408449                      |      | 19183 |
| 0352-99   | B8129A1-Bk <sub>3</sub>        | 8/17 | 19184 |
|           | Selected lgts from bulked seed |      |       |
| "         | "                              | 8/14 | 19185 |
| "         | "                              | 8/16 | 19186 |
| "         | "                              | 8/13 | 19187 |
| "         | "                              | 8/15 | 19188 |

|       |                                    |           |                |
|-------|------------------------------------|-----------|----------------|
| 19189 | B8129A1-Bk3<br>Selected lyts       |           | 20352-99       |
| 19190 | "                                  | 8/18      |                |
| 19191 | "                                  | 11/9 9/25 |                |
| 19192 | "                                  | 8/19      |                |
| 19193 | "                                  | 8/17      |                |
| 19194 | "                                  | 8/15      |                |
| 19195 | LABE-X2-2                          | 8/16      | 11000          |
| 19196 | B8129A1-Bk3<br>(non-selected)<br>↓ | 8/13      | 20352-99<br>bk |



0352-99

B8129A1-B\*3

8/13

19197

8/14

19198

8/13

19199

8/13

19200

8/17

19201

8/17

19202

8/13

19203

8/13

19204



19205 BS129A1- Bk<sub>3</sub> 8/13 20352-99

19206 8/13

19207 8/13

19208 8/13  
p/p 9/25

19209 8/14

19210 8/14

19211 8/13

19212 8/14

B8129A1-Bk3

20352-99

8/12

19213

8/13

19214

8/14

19215

8/14

19216

8/14

19217

8/13

19218

8/14

19219

8/13

19220

4/ 9/25

|       |                         |      |          |
|-------|-------------------------|------|----------|
| 19221 | B8129A1-Bk <sub>3</sub> | 8/14 | 20352-99 |
|-------|-------------------------|------|----------|

|       |  |      |  |
|-------|--|------|--|
| 19222 |  | 8/14 |  |
|-------|--|------|--|

|       |  |      |  |
|-------|--|------|--|
| 19223 |  | 8/14 |  |
|-------|--|------|--|

|       |  |      |  |
|-------|--|------|--|
| 19224 |  | 8/15 |  |
|-------|--|------|--|

|       |         |  |      |
|-------|---------|--|------|
| 19225 | STRN    |  | 159  |
|       | bk 9/25 |  | 17.6 |
|       |         |  | Low  |

|       |                            |      |          |
|-------|----------------------------|------|----------|
| 19226 | B7921A1-Bk <sub>5</sub> -1 | 8/17 | 19852-99 |
|       | T903157/MARS               |      |          |

|       |    |  |  |
|-------|----|--|--|
| 19227 | -2 |  |  |
|-------|----|--|--|

|       |    |      |  |
|-------|----|------|--|
| 19228 | -3 | 8/12 |  |
|-------|----|------|--|



|              |                 |      |                           |
|--------------|-----------------|------|---------------------------|
| 9852-99      | B7921A1- Bk5- 4 | 8/18 | 19229                     |
| 22.9<br>Int. | -5              |      | 19230<br>P/P ✓<br>bK 9/25 |
|              | -6              | 8/13 | 19231<br>P/P ✓            |
|              | -7              | 8/12 | 19232                     |
|              | -8              | 8/17 | 19233                     |
|              | -9              | 8/11 | 19234<br>N AT<br>P/P ✓    |
|              | -10             | 8/12 | 19235                     |
| 22.7<br>Int. | -11             | 8/15 | 19236<br>P/P ✓<br>AT      |



|         |                |      |          |  |
|---------|----------------|------|----------|--|
|         |                |      |          |  |
| 19237   | B7921A1-BK5-12 | 8/13 | 19852-99 |  |
| 19238   | -13            | 8/18 |          |  |
| Pip     |                |      |          |  |
| 19239   | -14            | 8/14 |          |  |
| 19240   | -15            | 8/14 |          |  |
| 19241   | -16            |      |          |  |
| 19242   | -17            | 8/17 |          |  |
| 19243   | -18            | 8/15 | 19.4     |  |
| ✓ Pip   |                |      | mix      |  |
| BK 9/25 |                |      |          |  |
| 19244   | -19            | 8/11 | 19.6     |  |
| ✓ Pip   |                |      | Low      |  |
| BK 9/25 |                |      |          |  |

|              |     |      |       |                                             |
|--------------|-----|------|-------|---------------------------------------------|
| 9852-99      | -20 | 8/18 | 19245 |                                             |
|              | -21 | 8/15 | 19246 |                                             |
| 23.2<br>Int. | -22 | 8/14 | 19247 | P <sub>1P</sub> ✓<br>YT<br>bk 9/25          |
|              | -23 | 8/12 | 19248 |                                             |
| 13.0<br>High | -24 | 8/15 | 19249 | N <sub>m</sub> P <sub>1P</sub> ✓<br>bk 9/25 |
| Fd LMNT      |     |      | 19250 |                                             |
| 21.8<br>Int  | -25 | 8/11 | 19251 | bk 9/25                                     |
|              | -26 | 8/17 | 19252 | P <sub>1P</sub> ✓                           |

B7921A1-BK5-27

19253

19852-99

✓

P/p

bk 9/25

23.5

Int

-28

19254

8/13

-29

19255

8/18

✓

P/p

-30

19256

15.4

✓

P/p

bk 9/25

Low

-31

19257

8/19

-32

19258

8/13

-33

19259

-34

19260

8/15

✓

P/p

Nm

YT



19852-99

-35

8/16

19261

24.6  
Int.

-36

19262

11p  
b/c 9/25

-37

19263

-38

19264

11p

-39

19265

11p

-40

8/18

19266

-41

8/16

19267

-42

19268



B7921A1-BK5-43

19269

19852-99

✓ P10

2-mg+

bx 9/25

24.4

Low

-44

19270

219

-45

1927

918

-46

19272

8/15

-47

19273

8/15

-48

19274

14.3

Low

818

bx 9/25

LEAH

19275

Сго

22.5

Int.

bx 9/25

-49

19276

|          |     |      |         |
|----------|-----|------|---------|
| 19852-99 | -50 | 8/18 | 19277   |
| 14.0     |     |      | ✓       |
| Int.     |     |      | PIP     |
|          |     |      | bx 9/25 |
|          | -51 | 8/17 | 19278   |
|          |     |      |         |
|          | -52 |      | 19279   |
|          |     |      |         |
|          | -53 |      | 19280   |
|          |     |      |         |
| 23.3     | -54 | 8/15 | 19281   |
| Int.     |     |      | ✓       |
|          |     |      | YT      |
|          |     |      | bx 9/25 |
|          | -55 |      | 19282   |
|          |     |      | ✓       |
|          |     |      | P/P     |
|          | -56 |      | 19283   |
|          |     |      |         |
| 24.7     | -57 | 8/15 | 19284   |
| Low      |     |      | ✓       |
|          |     |      | P/P     |

|       |                             |          |
|-------|-----------------------------|----------|
| 19285 | B7921A1-Bk <sub>5</sub> -58 | 19852-99 |
|-------|-----------------------------|----------|

|       |     |  |
|-------|-----|--|
| 19286 | -59 |  |
|-------|-----|--|

✓ H/P

|       |     |      |
|-------|-----|------|
| 19287 | -60 | 23.7 |
|-------|-----|------|

✓ P/P N<sub>m</sub> Int.

YT br 9/25

|       |     |      |
|-------|-----|------|
| 19288 | -61 | 8/19 |
|-------|-----|------|

|       |     |  |
|-------|-----|--|
| 19289 | -62 |  |
|-------|-----|--|

✓ P/P 2-nyt

|       |     |  |
|-------|-----|--|
| 19290 | -63 |  |
|-------|-----|--|

✓ P/P 2-nyt

|       |     |      |
|-------|-----|------|
| 19291 | -64 | 8/15 |
|-------|-----|------|

|       |     |      |
|-------|-----|------|
| 19292 | -65 | 8/16 |
|-------|-----|------|



19852-99

-66

8/13

19293

23.0

Int

-67

19294

P/P

bk 9/25

-68

8/13

19295

20.6

Int.

-69

8/16

19296

P/P

bk 9/25

-70

19297

-71

19298

-72

19299

2-mgt

P/P

-73

8/16

19300

21.0

High-Int

bk 9/25

P/P



B7921A1 - Bk<sub>5</sub> - 74

19301

19852-99

-75

19302

-76

19303

8/13

-77

19304

-78

19305

-79

19306

8/13

-80

19307

-81

19308

852-99

-82

8/18

19309

P/P ✓

-83

8/13

19310

-84

19311

-85

8/16

19312

P/P ✓

-86

19313

-87

8/14

19314

P/P ✓

25.3

Low

-88

8/18

19315

bk 9/25

P/P

bk 9/25

-89

8/15

19316

23.5

Int. Mix

19317

B7921A1-Bx<sub>5</sub>-90

8/15

19852-99

19318

-91

19319

-92

8/19

19320

-93

26.1

Low

✓  
P/P  
bx 9/25  
19321

-94

19322

-95

✓  
P/P  
19323

-96

8/13

19324

-97

|       |       |      |      |       |         |
|-------|-------|------|------|-------|---------|
|       |       |      |      |       |         |
| Biggs | L-202 |      | 8/13 | 19325 |         |
| 27.0  |       |      |      |       | br 9/25 |
| Int.  |       | -98  |      |       |         |
|       |       |      | 8/14 | 19326 |         |
|       |       | -99  |      |       |         |
|       |       |      |      | 19327 |         |
|       |       | -100 |      |       |         |
|       |       |      |      | 19328 |         |
|       |       | -101 |      |       |         |
| 16.2  |       |      |      | 19329 | ✓       |
| High  |       |      |      |       | P/P     |
|       |       | -102 |      |       | br 9/25 |
|       |       |      |      | 19330 |         |
|       |       | -103 |      |       |         |
| 15.4  |       |      | 8/13 | 19331 | ✓       |
| Low   |       |      |      |       | P/P     |
|       |       | -104 |      |       | br 9/25 |
|       |       |      |      | 19332 | ✓       |
|       |       |      |      |       | P/P     |



B7921A1- Bk<sub>5</sub> - 105

19333

19852-99

-106

19334

-107

19335

-108

19336

-109

8/17

19337

-110

19338

-111

8/17

17.5  
Low

19339

-112

8/18

26.2  
Int.

19340

✓ P/p  
bK 9/25

|              |                 |      |                                  |
|--------------|-----------------|------|----------------------------------|
| 9852-99      | B7921A1-BK5-113 | 8/14 | 19341                            |
|              | -114            | 8/18 | 19342<br>p/p ✓                   |
|              | -115            |      | 19343                            |
| 13.2<br>High | -116            | 8/18 | 19344<br>p/p ✓<br>b/c 9/25       |
|              | -117            |      | 19345<br>✓                       |
|              | -118            |      | 19346                            |
|              | -119            |      | 19347                            |
| 23.8<br>Int. | -120            | 8/18 | 19348<br>p/p ✓<br>b/c 9/25<br>TT |

|       |                 |  |          |
|-------|-----------------|--|----------|
| 19349 | B7921A1-Bk5-121 |  | 19852-99 |
|-------|-----------------|--|----------|

|       |      |      |             |
|-------|------|------|-------------|
| 19350 | VSTA | 8/12 | 17.7<br>Low |
|-------|------|------|-------------|

|       |      |  |  |
|-------|------|--|--|
| 19351 | -122 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 19352 | -123 | 8/18 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 19353 | -124 |  |  |
|-------|------|--|--|

|                  |      |  |  |
|------------------|------|--|--|
| 19354            | -125 |  |  |
| ✓ PIP<br>bx 9/25 |      |  |  |

|       |      |      |  |
|-------|------|------|--|
| 19355 | -126 | 8/13 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 19356 | -127 |  |  |
| ✓ PIP |      |  |  |



|              |                 |      |       |                           |
|--------------|-----------------|------|-------|---------------------------|
| 1852-99      | B7921A1-Bk5-128 | 8/18 | 19357 | ✓<br>P/O<br>YT<br>bx 9/25 |
| 13.2<br>High | -129            | 8/18 | 19358 |                           |
|              | -130            | 8/15 | 19359 |                           |
|              | -131            | 8/15 | 19360 |                           |
|              | -132            |      | 19361 | ✓<br>P/O                  |
|              | -133            |      | 19362 |                           |
|              | -134            |      | 19363 |                           |
|              | -135            |      | 19364 |                           |



B7921A1-Bk<sub>5</sub>-136

19365

8/18

19852-9

-137

19366

8/14

✓  
PIP

-138

19367

8/18

21.7

✓  
PX  
bk 9/25

Mix

-139

19368

-140

19369

-141

19370

8/16

-142

19371

✓  
PIP

-143

19372

9852-99

-144

8/19

19373

-145

19374

m-9

117

16.4

Low

8/11

19375

bk 9/25

-146

8/18

19376

-147

8/15

19377

-148

18.4

Mix

19378

P/P ✓

★ bk 9/25

-149

l-ryt

19379

P/P ✓

-150

8/15

19380

B7921A1-Bks-151

19381

8/15

19852-99

-152

19382

8/16

-153

19383

24.9

Int

✓  
P/P  
bk 9/25

-154

19384

-155

19385

-156

19386

-157

19387

8/17

23.3

Int.

✓ P/P  
bk 9/25

-158

19388



|              |                  |      |       |          |
|--------------|------------------|------|-------|----------|
| 19852-99     | B7921A1- Bk5-159 |      | 19389 | p/c      |
|              | -160             | 8/15 | 19390 |          |
|              | -161             |      | 19391 |          |
| 23.1<br>Int. | -162             |      | 19392 | p/c ✓    |
|              | -163             | 8/17 | 19393 | bis 9/25 |
|              | -164             |      | 19394 |          |
|              | -165             | 8/19 | 19395 |          |
|              | -166             |      | 19396 |          |



Seeded 5/31/84

S-5, 12 E

|       |                 |      |          |
|-------|-----------------|------|----------|
| 19397 | B7921A1-BK5-167 | 8/13 | 19852-99 |
|-------|-----------------|------|----------|

|       |      |  |  |
|-------|------|--|--|
| 19398 | -168 |  |  |
|-------|------|--|--|

|       |      |  |  |
|-------|------|--|--|
| 19399 | -169 |  |  |
|-------|------|--|--|

|                  |      |  |          |
|------------------|------|--|----------|
| 19400            | -170 |  | 22.9     |
| ✓ P/p<br>bx 9/25 |      |  | Low-Int. |

|       |      |      |  |
|-------|------|------|--|
| 19401 | -171 | 8/13 |  |
|-------|------|------|--|

|                     |      |      |      |
|---------------------|------|------|------|
| 19402               | -172 | 8/15 | 16.4 |
| ✓ P/p<br>VT bx 9/25 |      |      | Low  |

|       |      |      |  |
|-------|------|------|--|
| 19403 | -173 | 8/15 |  |
|-------|------|------|--|

|       |      |      |  |
|-------|------|------|--|
| 19404 | -174 | 8/14 |  |
|-------|------|------|--|

19852-99

-175

8/18

19405

-176

8/14

19406

-177

22.3

Int.

l-right

19407

8/18 ✓

bx 9/25

-178

8/16

19408

-179

19409

✓

8/18

-180

8/14

19410

-181

19411

-182

19412

B7921A1-BK5-183

19413

8/16

19852-99

-184

19414

8/13

-185

19415

8/18

-186

19416

8/17

-187

19417

8/16

-188

19418

8/14

-189

19419

8/15

-190

19420



9852-99

-191

8/18

19421

-192

8/13

19422

-193

8/14

19423

-194

19424

R07903157

6826

19425

24.0

Int

bx 9/25

-195

8/18

19426

-196

19427

-197

23.4

Int.

19428

R/P ✓

bx 9/25



19429 B7921A1-BK5-118

19852-99

19430 -199

19431 -200

8/18

21.0

Int

✓  
P/P  
bx 9/25  
19432 -201

8/17

✓  
P/P  
19433 -202

8/18

19434 -203

8/18

19435 -204

8/17

✓  
P/P  
19436 -205

8/13

852-99

-206

8/13

19437

✓  
9/10

15.1

Low

bk 9/25

-207

19438

-208

8/13

19439

-209

8/13

19440

-210

8/12

19441

-211

8/13

19442

-212

8/13

19443

-213

8/16

19444

11.4  
High✓  
9/10

bk 9/25

B7921A1-BK5-214

19445

8/12

19852-99

✓  
P/P

19446

-215

8/14

19447

-216

8/18

19448

-217

8/19

19449

-218

8/19

19450

NV 76

8/18

157

bk 9/25

17.6

Low

19451

-219

19452

-220



9852-99

-221

8/15

19453

-222

19454

-223

19455

-224

14.4  
High

8/13

19456

br 9/25

-225

19457

-226

17.0  
Low

8/17

19458

P<sub>10</sub>✓

br 9/25

-227

20.3  
Int.

19459

P<sub>10</sub>✓

br 9/25

-228

19460



B7921A1-Bk5-229

19461

8/17

19852-99

19462

-230

8/13

19463

-231

8/13

19464

-232

8/13

22.7

Int.

✓

P/p

bxc 9/25

19465

-233

8/19

✓

19466

-234

19467

-235

✓

P/p

19468

-236

9852-99

-237

19469

-238

19470

-239

19471

-240

8/15

19472

-241

8/13

19473

Pir

-242

19474

CB 801

1235

19475

Severe PB

22.3

Int.

bx 9/25

-243

19476

B7921A1 - Bk5 - 244

19477

19852-99

19478

-245

8/18

19.2

Mix

✓ Pp

bkr 9/25

19479

-246

8/16

22.5

Int.

✓ Pp

bkr 9/25

2-mpt

19480

-247

8/15

19481

-248

19482

-249

19483

-250

19484

-251



9852-99

-252

8/15

19485

-253

19486

-254

8/19

19487

-255

8/16

19488

-256

8/19

19489

p/p ✓

-257

8/18

19490

-258

22.4  
Int.

19491

p/p ✓

bk 9/25

-259

8/17

19492



|       |                         |          |
|-------|-------------------------|----------|
| 19493 | BT921A1-BK5-260<br>8/13 | 19852-99 |
| 19494 | -261<br>8/15            |          |
| 19495 | -262<br>8/18            |          |
| 19496 | -263                    |          |
| 19497 | -264                    |          |
| 19498 | -265<br>8/13            |          |
| 19499 | -266<br>8/15            |          |
| 19500 | -267<br>8/19            |          |

19852-99

-268

19501

-269

19502

18.8

-270

19503

Low

P/P ✓

bk 9/25

16.9

-271

8/17

19504

Low

P/P ✓

bk 9/25

14.8

-272

8/17

19505

High

P/P ✓

bk 9/25

-273

8/18

19506

-274

8/18

19507

P/P ✓

-275

19508

B7921A1-Bk5-276

19509

8/14

19852-99

19510

-277

19511

-278

19512

-279

8/17

19513

-280

8/16

19514

-281

8/18

21.9  
High

✓  
P/p  
bk 9/25

2-104

19515

-282

8/14

19516

-283

8/15

✓  
P/p



|              |      |      |                         |
|--------------|------|------|-------------------------|
| 19852-99     | -284 | 8/14 | 19517                   |
| 21.7<br>Int. | -285 | 8/16 | 19518<br>p/p<br>bx 9/25 |
|              | -286 | 8/12 | 19519                   |
|              | -287 |      | 19520                   |
|              | -288 | 8/16 | 19521                   |
|              | -289 | 8/16 | 19522                   |
|              | -290 | 8/15 | 19523                   |
|              | -291 | 8/17 | 19524                   |



B7921A1-Bk5-292

19525

19852-99

-293

19526

-294

8/14

16.6

Low

✓  
P/p  
b/c 9/25  
19527

-295

19528

-296

8/13

19529

-297

8/13

19530

-298

8/15

✓  
P/p  
19531

-299

8/17

✓  
P/p  
19532

|              |                 |      |                                 |
|--------------|-----------------|------|---------------------------------|
| 9852-99      | B7921A1-BK5-300 | 8/14 | 19533                           |
| 24.1<br>Int  | -301            | 8/16 | 19534<br>P/p ✓<br>bk 9/25<br>YT |
|              | -302            |      | 19535                           |
| 14.9<br>High | -303            |      | 19536<br>P/p ✓<br>bk 9/25<br>YT |
|              | -304            | 8/13 | 19537<br>P/p ✓                  |
|              | -305            |      | 19538                           |
|              | -306            | 8/19 | 19539                           |
|              | -307            | 8/18 | 19540                           |

19541 B7921A1-Bk5 - 308 8/14 19852-99

19542 -309 8/19 24.6

19543 -310 8/17

19544 -311

19545 -312 8/17

19546 -313 8/14

19547 -314 8/18

19548 -315



|                    |      |      |          |
|--------------------|------|------|----------|
| 19852-99           | -316 | 8/16 | 19549    |
| Fd<br>22.6<br>Int. | LBLE | 8/14 | 19550    |
|                    |      |      | bic 9/25 |
|                    | -317 | 8/12 | 19551    |
|                    | -318 | 8/13 | 19552    |
|                    | -319 | 8/12 | 19553    |
|                    |      |      | 8/11 ✓   |
|                    | -320 | 8/14 | 19554    |
|                    | -321 | 8/13 | 19555    |
|                    |      |      | 8/10 ✓   |
|                    | -322 | 8/15 | 19556    |



B7921A1-Bk<sub>5</sub>-323

19557

8/18

19852-99

✓ P/p

-324

19558

8/18

-325

19559

8/17

-326

19560

-327

19561

8/17

-328

19562

8/15

23.1

✓ P/p

Int.

bk 9/25

-329

19563

8/14

-330

19564

8/17

|              |      |      |                           |
|--------------|------|------|---------------------------|
| 19852-99     | -331 | 8/17 | 19565                     |
| 25.6<br>Int  | -332 | 8/14 | 19566<br>bk 9/25 P/p<br>π |
|              | -333 | 8/17 | 19567                     |
|              | -334 |      | 19568                     |
| 12.6<br>High | -335 | 8/14 | 19569<br>P/p<br>bk 9/25   |
|              | -336 | 8/15 | 19570                     |
|              | -337 | 8/15 | 19571<br>P/p              |
|              | -338 | 8/17 | 19572                     |

|       |                 |      |          |
|-------|-----------------|------|----------|
| 19573 | B7921A1-Bk5-339 | 8/18 | 19852-99 |
|-------|-----------------|------|----------|

|       |      |      |  |
|-------|------|------|--|
| 19574 | -340 | 8/15 |  |
|-------|------|------|--|

|       |         |      |      |
|-------|---------|------|------|
| 19575 | NATO    | 8/13 | 53   |
|       | bc 9/25 |      | 18.0 |
|       |         |      | Low  |

|       |      |  |  |
|-------|------|--|--|
| 19576 | -341 |  |  |
|-------|------|--|--|

|       |       |  |  |
|-------|-------|--|--|
| 19577 | -342  |  |  |
|       | ✓ pip |  |  |

|       |      |      |  |
|-------|------|------|--|
| 19578 | -343 | 8/16 |  |
|-------|------|------|--|

|       |      |  |  |
|-------|------|--|--|
| 19579 | -344 |  |  |
|-------|------|--|--|

|       |      |      |  |
|-------|------|------|--|
| 19580 | -345 | 8/18 |  |
|-------|------|------|--|



19852-99

-346

8/18

19581

19.5

Int

p/p

bk 9/25

-347

8/16

19582

-348

19583

-349

8/15

19584

-350

8/19

19585

p/p

-351

8/13

19586

-352

8/14

19587

-353

19588



B7921A1-Bx5-354

19589

8/17

19852-99

-355

19590

8/14

-356

19591

8/14

-357

19592

8/19

-358

19593

-359

19594

8/17

-360

19595

-361

19596

|         |                 |      |       |
|---------|-----------------|------|-------|
| 1852-99 | B7921A1-Bk5-362 |      | 19597 |
|         | -363            |      | 19598 |
|         | -364            | 8/17 | 19599 |
|         | -365            |      | 19600 |
|         | -366            |      | 19601 |
|         | -367            | 8/17 | 19602 |
|         | -368            |      | 19603 |
|         | -369            |      | 19604 |

19605

B7921A1-BK5-370

19852-99

19606

-371

8/17

19607

-372

8/17

12.3

High

✓ p/p

bk 9/25

19608

-373

8/15

19609

-374

8/15

✓ p/p

19610

-375

8/16

16.8

Low

✓ p/p

YT bk 9/25

19611

-376

8/14

✓ p/p

19612

-377



1852-99

-378

8/12

19613

-379

8/15

19614

-380

8/18

19615

-381

8/12

19616

-382

8/17

19617

-383

8/17

19618

22.9  
Int.YT  11/10

bk 9/25

-384

8/16

19619

14.8  
HighYT  11/10

bk 9/25

-385

19620



|                     |                 |      |      |                   |
|---------------------|-----------------|------|------|-------------------|
| 19621               | BT921A1-BK5-386 | -    | 8/19 | 19852-99          |
| 19622               |                 | -387 | 8/16 | 19.9<br>Int       |
| ✓<br>P/P<br>bk 9/25 |                 |      |      |                   |
| 19623               |                 | -388 | 8/18 |                   |
| 19624               |                 | -389 |      |                   |
| ✓<br>P/P            |                 |      |      |                   |
| 19625               | MARS            |      |      | 33<br>17.5<br>Low |
| bk 9/25             |                 |      |      |                   |
| 19626               |                 | -390 |      |                   |
| 19627               |                 | -391 | 8/15 |                   |
| ✓<br>P/P            |                 |      |      |                   |
| 19628               |                 | -392 | 8/15 |                   |

19852-99

-393

19620

-394

8/18

19630

-395

19631

-396

8/14

19632

-397

8/16

19633

-398

8/18

19634

-399

8/16

19635

-400

8/12

19636

P/p

B792/A1-Bx5-401

19637

8/15

19852-99

✓ P/P

24.6

YT bk 9/25

Mix

-402

19638

8/13

-403

19639

8/13

-404

19640

8/15

✓ P/P

-405

19641

8/17

-406

19642

8/13

-407

19643

8/17

-408

19644

8/12

19852-99

-409

8/19

19645

-410

8/13

19646

-411

8/15

19647

-412

19648

-413

19649

PI 408449

8992-19000

19650

B7923A1- Bk<sub>6</sub>

20102-49

bk

RU7903157/VSTA

19651

19652



19653

20102-49

bk

19654

19655

Ap 9/26

19656

19657

19658

19659

19660

20102-49

bk

19661

19662

19663

P/P 1/26

19664

19665

19666

19667

19668

19669

B7923A1- Bk<sub>6</sub>

20102-49

bk

19670

19671

p/r 9/26

19672

19673

19674

19675

19676

20102-49

B7923A1-BK<sub>6</sub>

19677

19678

19679

p/p 7/26

19680

19681

19682

19683

19684



B7923A1-Bk<sub>6</sub>

20102-49  
bk

P/p 1/26

9685

9686

9687

9688

9689

9690

9691

9692

B7923A1-Bx6

0102-49

bk

19693

19694

19695

p/p 9/26

19696

19697

19698

19699

19700

19701

C670A-BK<sub>6</sub>

19552-99

bk

LBLE // SSD / SSS

19702

19703

19704

11p 9/26

19705

19706

19707

19708

9552-99

bis

19709

19710

19711

p/p 9/26

19712

19713

19714

19715

19716



C670A-BK6

19717

19552-99  
bx

19718

19719

P/P 9/26

19720

19721

19722

19723

19724

1552-99

19725

19726

19727

P/P 9/26

19728

19729

19730

19731

19732

19733

19552-9a  
bx

19734

19735

7/9 9/26

19736

19737

19738

19739

19740

C670A-BK<sub>6</sub>

19552-99

BK

19741

19742

19743

19744

19745

19746

19747

19748

p/p 9/26



19749

C670A-BK<sub>6</sub>

19552-99

bK

19750

LBLE

Fd

19751

C631A-BK<sub>5</sub>

19402-49

bK

RU7402003/LBLE

19752

19753

19754

19755

19756

7/26  
bK

9402-49

bx

19757

19758

19759

19760

bx 9/26

19761

19762

19763

19764

19765

C631A-BK5

19402-4  
bk

19766

19767

19768

9/26  
bk

19769

19770

19771

19772

9402-49

19773

19774

19775

bK 7/26

19776

19777

19778

19779

19780



19781

19402-4

bks

19782

19783

64 9/26

19784

19785

19786

19787

19788

C631A-Bk5

19402-49

bk

19789

19790

19791

19792

19793

19794

19795

19796

|       |                                       |                |
|-------|---------------------------------------|----------------|
| 19797 | C631A-Bk <sub>5</sub>                 | 19402-49<br>bk |
| 19798 |                                       |                |
| 19799 |                                       |                |
| 19800 | RU7402003                             | 10582          |
| 19801 | RU7701074                             | 5552           |
| 19802 | C626A-Bk <sub>6</sub><br>SKAT/7701074 | 19702-49<br>bk |
| 19803 |                                       |                |
| 19804 |                                       |                |

19702-49

19805

19806

19807

19808

19809

19810

19811

19812

r/p 9/25



19813

C626A-BK6

19702-40

bk

19814

19815

19816

1/9 9/25-

19817

19818

19819

19820

19702-49

bk

19821

19822

19823

19824

19825

19826

19827

19828

P/R 9/25

19829

C626A-Bx6

19702-49

bx

19830

19831

19832

A/P 9/25

19833

19834

19835

19836

19702-49

bx

19837

19838

19839

19840

19841

19842

19843

19844

Plp 9/25



19845

C626A - Bk<sub>6</sub>

19702-49

bx

19846

19847

P/A 9/25

19848

19849

19850

SKBT

Fd

19851

B781A1 - Bk<sub>7</sub>

19802-49

19852

19853

19854

19855

19856

19857

19858

19859

19860

19861

19802-40

bk

19862

19863

19864

19865

19866

19867

19868

9802-49

bk

B781A1-Bk7

19869

19870

19871

19872

19873

19874

19875

19876



19877 BT81A1- Bk7

19802-49

b1c

19878

19879

19880

19881

19882

19883

19884

BT81A1-B\*7

9802-49

bk

19885

19886

19887

19888

19889

19890

19891

19892

|       |             |  |          |
|-------|-------------|--|----------|
| 19893 | B781A1- Bk7 |  | 19802-49 |
| 19894 |             |  |          |
| 19895 |             |  |          |
| 19896 |             |  |          |
| 19897 |             |  |          |
| 19898 |             |  |          |
| 19899 |             |  |          |
| 19900 | LMNT        |  | Fd       |

Cтo

LEAH

19901

B7812A1- Bky

14541-70

bk

19902

19903

19904

19905

19906

19907

19908



19909

14541-70

bx

19910

19911

19912

19913

19914

19915

19916

B7812A1-BK4

14541-70

19917

19918

19919

19920

19921

19922

19923

19924

19925

14541-70

bx

19926

19927

19928

19929

19930

19931

19932

14541-70  
bk

B7812A1-Bk4

19933

19934

19935

19936

19937

19938

19939

19940



19941 B7812A1- Bk4

14541-70

bks

19942

19943

19944

19945

19946

19947

19948

14541-70  
bk

19949

L-202

Biggs

19950

2026

Diallel Crossing Block, Dntc III

19951

n

19952

n

19953

n

19954

2027

19955

19956

19957

2027

19958

19959

LMNT

55

19960

"

19961

"

19962

"

19963

BBLE

1103

19964

"

|       |           |  |  |  |  |       |
|-------|-----------|--|--|--|--|-------|
|       |           |  |  |  |  |       |
| "     |           |  |  |  |  | 19965 |
| "     |           |  |  |  |  | 19966 |
| Biggs | L-202     |  |  |  |  | 19967 |
| "     |           |  |  |  |  | 19968 |
| "     |           |  |  |  |  | 19969 |
| "     |           |  |  |  |  | 19970 |
| 761   | LBNT/NSTA |  |  |  |  | 19971 |
| "     |           |  |  |  |  | 19972 |



19973

"

19974

"

19975 RU1603091

2024

19976

"

19977

"

19978

"

19979 CI 9902

2040

19980

"

|         |                                                                                |       |
|---------|--------------------------------------------------------------------------------|-------|
| "       |                                                                                | 19981 |
| "       |                                                                                | 19982 |
| 82/2091 | BJ-1                                                                           | 19983 |
| "       | <i>Sample lodged<br/>picked pouches from plants<br/>lodged in water - 9/27</i> | 19984 |
| "       |                                                                                | 19985 |
| 16      | LBLE                                                                           | 19986 |
| "       |                                                                                | 19987 |
| "       |                                                                                | 19988 |

|       |       |  |  |     |
|-------|-------|--|--|-----|
|       |       |  |  |     |
| 19989 | NWBT  |  |  | 54  |
| 19990 |       |  |  | "   |
| 19991 |       |  |  | "   |
| 19992 | L-201 |  |  | 13  |
| 19993 | "     |  |  | "   |
| 19994 | "     |  |  | "   |
| 19995 | NWRX  |  |  | 158 |
| 19996 |       |  |  | "   |

"

19997

YSTA/LBNT

T61

19998

"

"

19999

"

"

20000





B 786A

B 781A

B 8129A

B 7921A

B 7923A

B C670A

C 631A

B 781A

B 7812A







UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

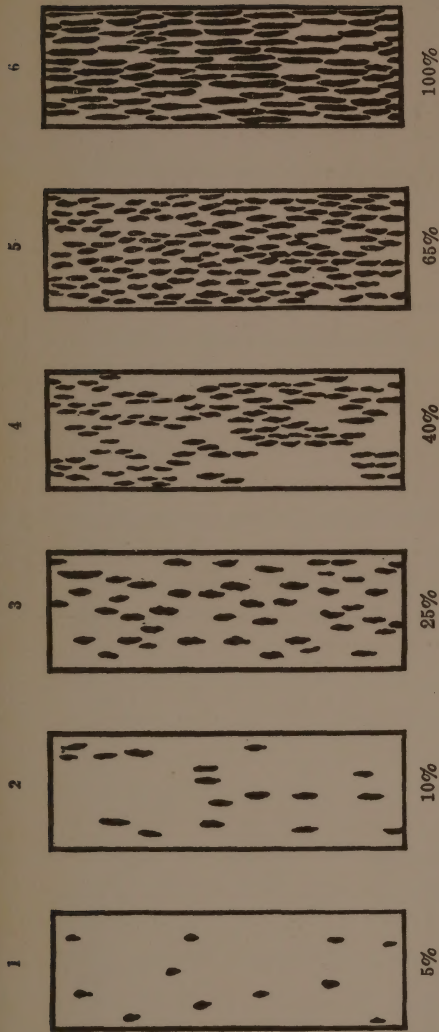


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

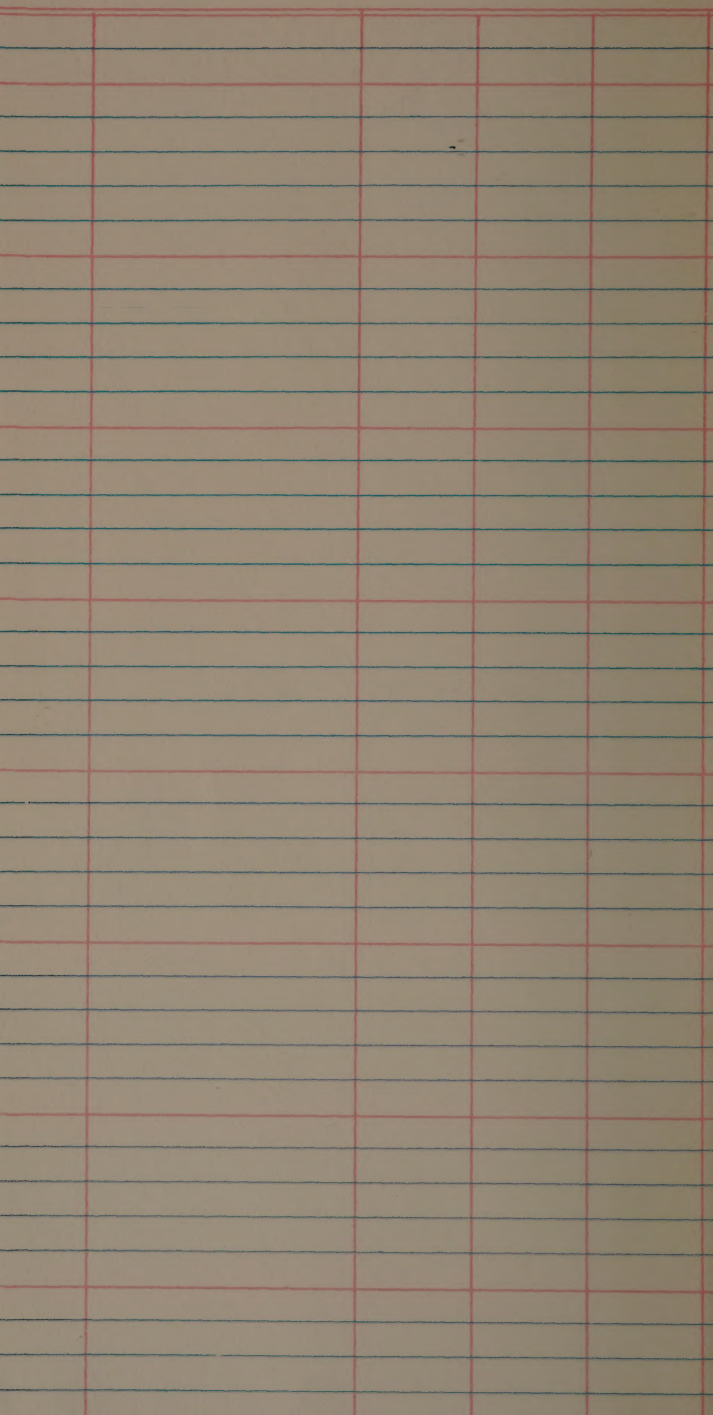
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

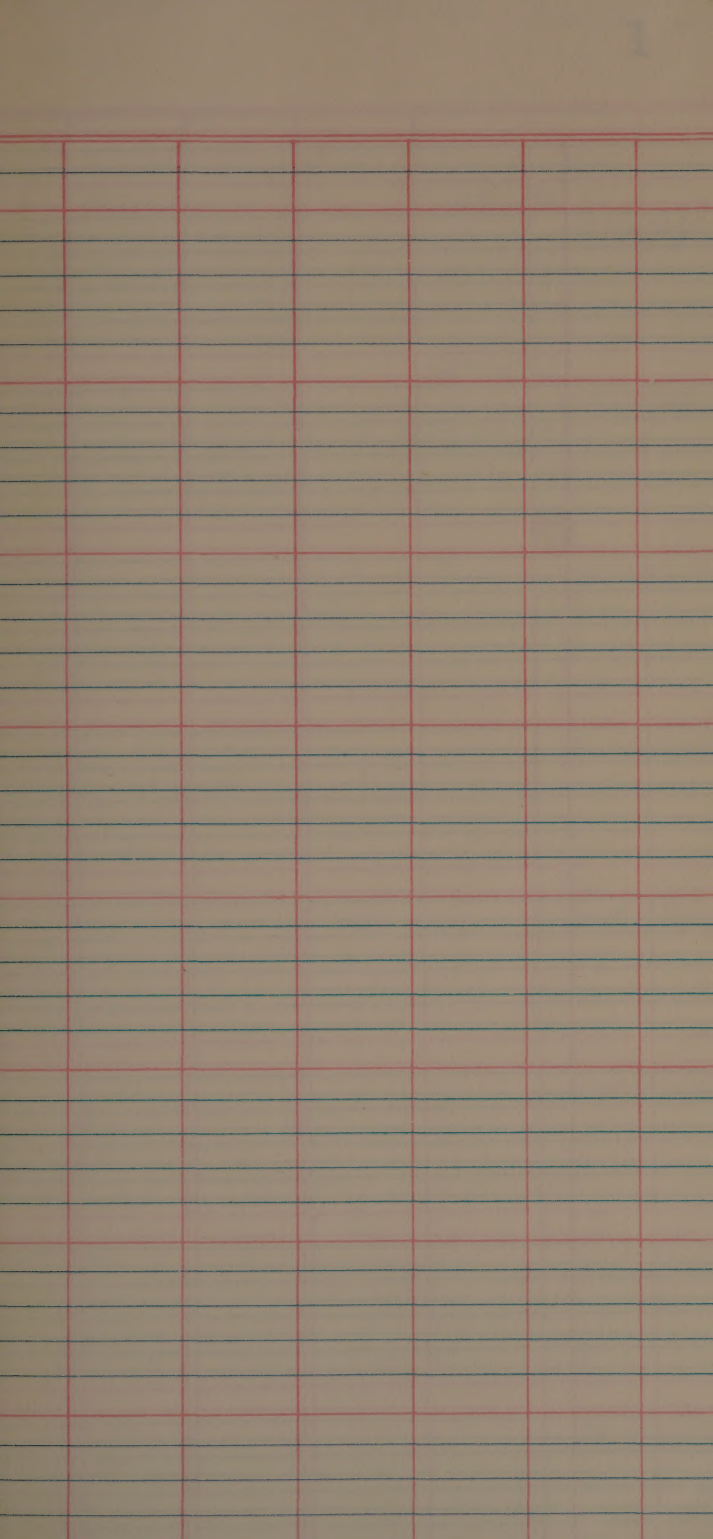
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

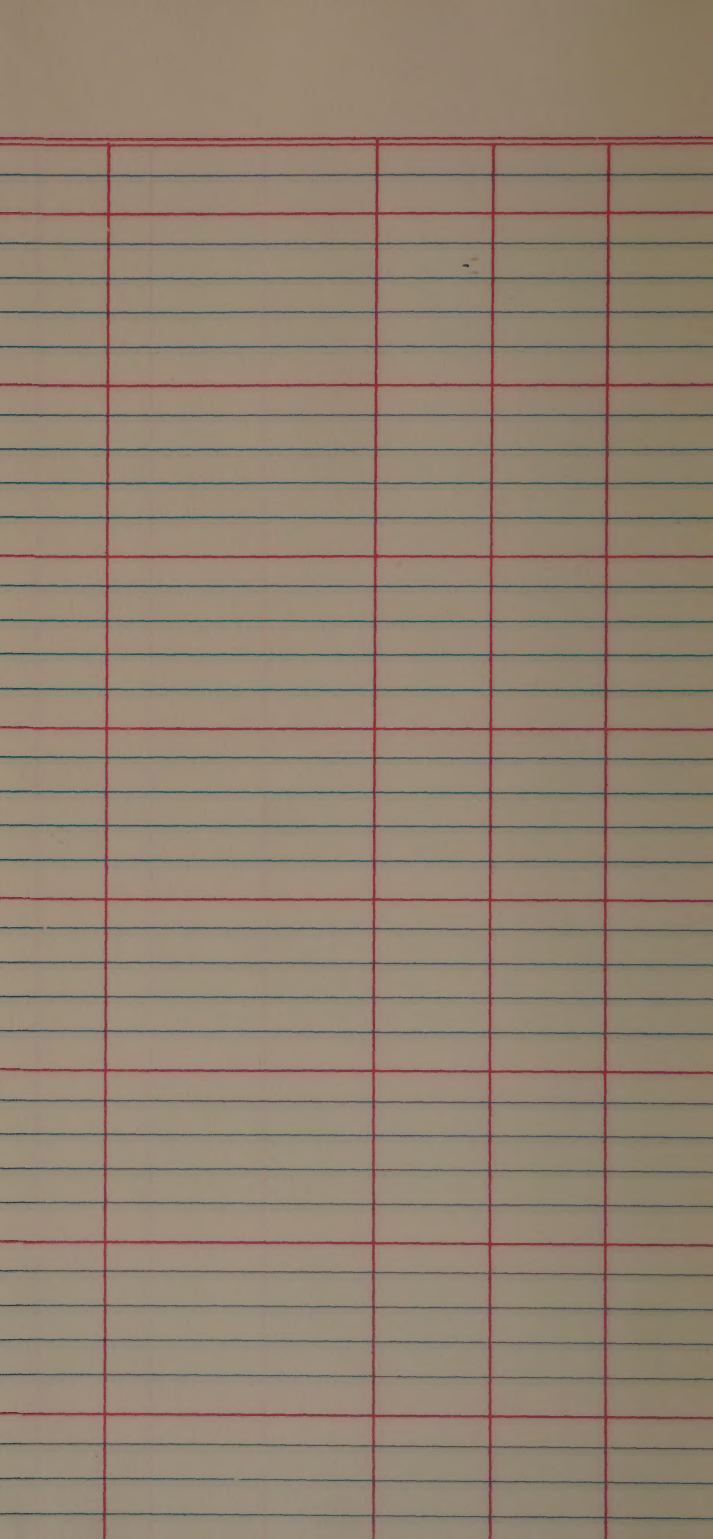


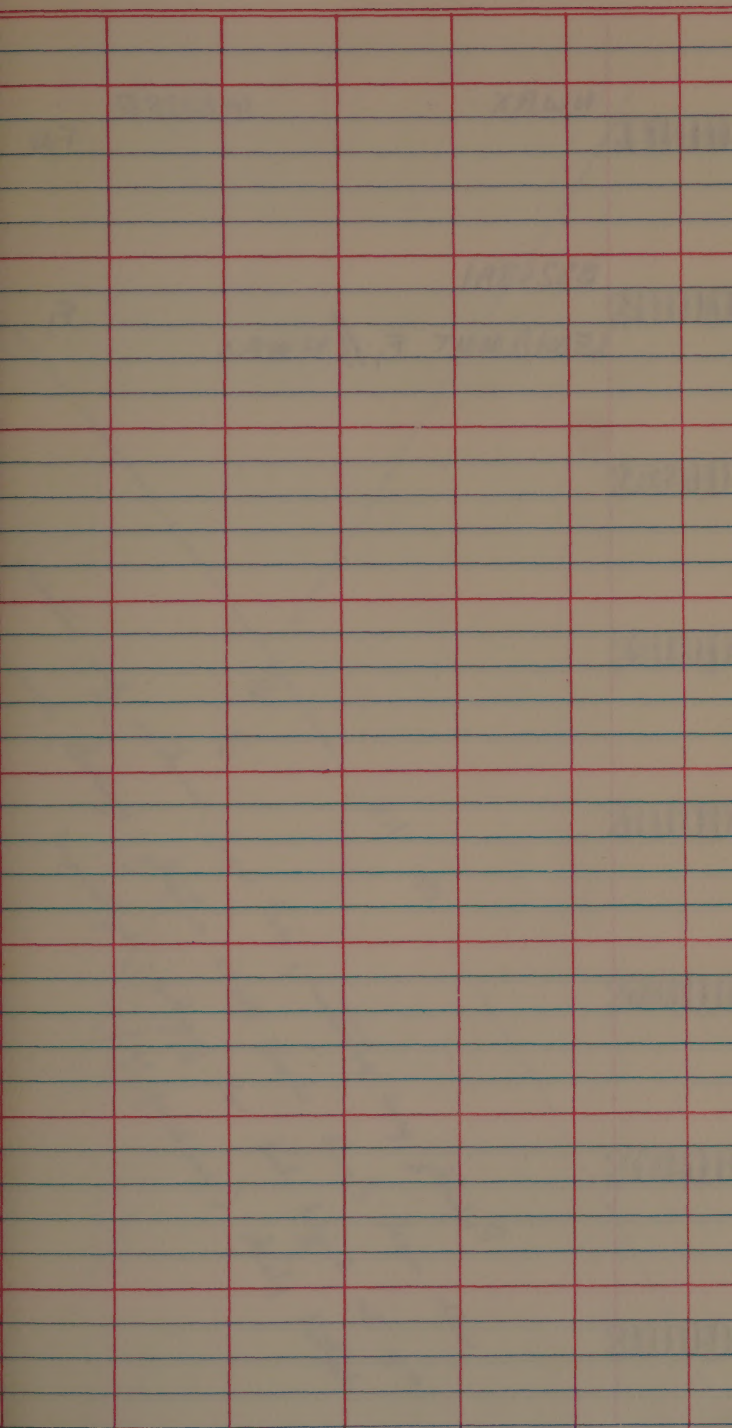














Seeded 6/4/84

S-5, 11 E

20001 NWRX Fd

20002 B8268A1  
LEAH/LMNT F<sub>1</sub>//NWRX F<sub>1</sub>

20003

20004

20005

20006

20007

20008

P/p 9/1/8  
Probably good potential; not much variation for intensity  
with most plots about NWRX intensity; apparently some  
orig. for high but not graphic; emphasized  
shaded plots (windup??)

B8268A1

F<sub>1</sub>

20009

20010

20011

20012

p/p 7/18

20013

20014

20015

20016

20017

B8268A1

F,

20018

20019

20020

20021

20022

20023

20024

F<sub>1</sub>

B8268A1

AD 1077

20025

20026

20027

20028

20029

20030

20031

20032

P/P 7/18



B8268A1

20033

F<sub>1</sub>

20034

20035

20036

F/P 8/18

20037

20038

20039

20040

B8268A1

F<sub>1</sub>

20041

20042

20043

p/p 9/18

20044

20045

20046

20047

20048

20049

B8268A1

F<sub>1</sub>

20050

LMNT

F<sub>d</sub>

20051

B8282A1

F<sub>1</sub>

LBNT//9881/331581/3/IR24 F<sub>1</sub>/4/LMNT

20052

20053

20054

20055

20056

Ap 7/18  
Some very short shoot plants with large pinules;  
probably short normals and some just looking & others mature;  
for maturity than LMNT; may have some  
many earlier than LMNT; all in all probably  
good lfts; all in all probably  
better potential than  
all glabrous!

B8282A1

F<sub>1</sub>

20057

20058

20059

20060

20061

20062

20063

20064

F/P 9/18



20065

B8282A1

F<sub>1</sub>

20066

20067

20068

P/p 9/18

20069

20070

20071

20072

B8282A1

F<sub>1</sub>

20073

20074

20075

20076

20077

20078

20079

20080

p/p  
9/18

20081

IR-24

82/2139

20082

B8282A2

F

20083

20084

much wilder than A1;  
nothing harvested.

20085

20086

20087

Mutica

Cogburn

20088

"

OK 9/25

|        |          |       |       |
|--------|----------|-------|-------|
| ayburn | Mutica   | 18-27 | 20089 |
| "      |          |       | 20090 |
| "      |          |       | 20091 |
| "      | bk 9/25- |       | 20092 |
| "      |          |       | 20093 |
| "      |          |       | 20094 |
| "      |          |       | 20095 |
| "      |          |       | 20096 |



|       |        |  |  |  |       |
|-------|--------|--|--|--|-------|
| 20097 | Mutica |  |  |  | Cogbo |
|-------|--------|--|--|--|-------|

|       |   |    |      |  |  |
|-------|---|----|------|--|--|
| 20098 | " |    |      |  |  |
|       |   | 6K | 7/25 |  |  |

|       |   |  |  |  |  |
|-------|---|--|--|--|--|
| 20099 | " |  |  |  |  |
|-------|---|--|--|--|--|

|       |   |  |  |  |  |
|-------|---|--|--|--|--|
| 20100 | " |  |  |  |  |
|-------|---|--|--|--|--|

|       |         |  |  |  |                |
|-------|---------|--|--|--|----------------|
| 20101 | B8282A3 |  |  |  | F <sub>1</sub> |
|-------|---------|--|--|--|----------------|

|       |  |  |  |  |  |
|-------|--|--|--|--|--|
| 20102 |  |  |  |  |  |
|-------|--|--|--|--|--|

|       |  |  |  |  |  |
|-------|--|--|--|--|--|
| 20103 |  |  |  |  |  |
|-------|--|--|--|--|--|

|       |  |  |  |  |  |
|-------|--|--|--|--|--|
| 20104 |  |  |  |  |  |
|-------|--|--|--|--|--|

B8282A3

F<sub>1</sub>

20105

20106

20107

20108

20109

20110

20111

20112

20113

B8282A3

F<sub>1</sub>

20114

20115

20116

20117

20118

20119

20120

F<sub>1</sub> 138282A3

20121

20122

20123

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B8282A3

F<sub>1</sub>

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B8282A3

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B8267A1

F<sub>1</sub>

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LEAH/3/LBNT/9881/331581 F<sub>1</sub>/4/LEAH

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p/r 9/28

20145 B8267A1

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| F <sub>1</sub> | B8267A1 | 20153 |
| Cro            | LEAH    | 20154 |
| F <sub>1</sub> | B8267A2 | 20155 |
|                |         | 20156 |
|                |         | 20157 |
|                |         | 20158 |
|                |         | 20159 |
|                |         | 20160 |



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| 20161 | RU8303116 | 116 |
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| 20162 | B8269A1 | F <sub>1</sub> |
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LEAH/RU8003050 F<sub>1</sub> // RU8003050

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| 20163 |  |  |
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| 20166 |  |  |
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| 20167 | Toro-2 | Cro |
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| 20168 | B8269A2 | F <sub>1</sub> |
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B8269A2

F<sub>1</sub>

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RU8303169

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B8271A1

F<sub>1</sub>

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LEAH/8003050 F<sub>1</sub> // 1902156

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20177 B8271A1

F<sub>1</sub>

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20183 BLMT

F<sub>d</sub>

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F<sub>1</sub>

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B8271A3

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RU8303181

R6701-15

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F<sub>1</sub>

B8272A2

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LEAH/8003050 // LMNT

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R/C 9/28

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B82T2A2

F<sub>1</sub>

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B8272A1

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B82T2A1

F<sub>1</sub>

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B8272A1

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RU8003009

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20225 B8154N1

F<sub>1</sub>

B786A3 F<sub>1</sub> / 7603091

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p/p 9/28

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B8154A1

F<sub>1</sub>

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P/p 9/28

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B8154A1

F<sub>1</sub>

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p/p 9/28

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B8154A1

F<sub>1</sub>

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B8154A2

F<sub>1</sub>

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B8154A2

F<sub>1</sub>

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| 20273 | B8154A2        |  |  | F <sub>1</sub> |
| 20274 |                |  |  |                |
| 20275 |                |  |  |                |
| 20276 |                |  |  |                |
| 20277 |                |  |  |                |
| 20278 |                |  |  |                |
| 20279 | LBNT           |  |  | F <sub>d</sub> |
| 20280 | B8128A1        |  |  | F <sub>1</sub> |
|       | LMNT / 7603069 |  |  |                |

B8128A1

F<sub>1</sub>

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p/p 10/2

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B8128A1

F<sub>1</sub>

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Ph 10/2

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B8128A1

B8128A1

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B8132A1

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LBNT/315650//LMNT

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B8132A1

F<sub>1</sub>

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p/p 10/2

38132A1

F<sub>1</sub>

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p/p 10/2



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B8132A1

F<sub>1</sub>

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Plp 10/2

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B8132A1

F<sub>1</sub>

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p/p 10/2

88132A1

F

p/p 10/2

B8132A1

F<sub>1</sub>

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P/P 10/2

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LMNT

F<sub>d</sub>

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B8133A1

F<sub>1</sub>

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LBNT/315650 // LMNT

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B8133A1

F<sub>1</sub>

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pip 10/15

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B8133A1

F<sub>1</sub>

1A22112

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r/p 10/15

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B8133A1

F<sub>1</sub>

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P/p 10/15

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B8133A1

F<sub>1</sub>

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B8133A1

F<sub>1</sub>

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Ph 10/11

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B8133A1

F<sub>1</sub>

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P/P 10/15

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B8289A1

F<sub>1</sub>

LBNT/315650// TIRS

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B8289A1

F<sub>1</sub>

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F<sub>1</sub>

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TIR8

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B8289A2

F<sub>1</sub>

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B8289A2

F<sub>1</sub>

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B8289A2

F<sub>1</sub>

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F<sub>1</sub>

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F<sub>1</sub>

LBNT / 315650 // TIR8

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B8290A1

F<sub>1</sub>

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B8290A1

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B8290A1

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B8290A2

F<sub>1</sub>

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88290A2

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B8290A2

F<sub>1</sub>

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B8290A2

F<sub>1</sub>

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B8291A1

F<sub>1</sub>

LBNT / 315650 // 1902156

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B8291A1

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| 20513 | B8291A1 |  |  | F <sub>1</sub> |
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| 20514 | NWBT |  |  | Stg |
|-------|------|--|--|-----|

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| 20515 | B8291A2 |  |  | F <sub>1</sub> |
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| 20516 |  |  |  |  |
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B8291A2

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B8291A2

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B8291A2

F<sub>1</sub>

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SKBT

F<sub>d</sub>

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B8164A1

F<sub>1</sub>

VSTA/LBNT // L201

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B5164A1

F<sub>1</sub>

1A1125

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P/P 10/5

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B8164A1

F<sub>1</sub>

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pl 10/5

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F<sub>1</sub>

B8164M1

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L-201

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F<sub>1</sub>

B8219A2

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KCAI/LEAH//29LU

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B8219A2

F<sub>1</sub>

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B8219A2

F<sub>1</sub>

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RU8003005

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BLMT

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B8255A1

F<sub>1</sub>

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BLMT/KCAI F<sub>1</sub> // 8003005

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88255A1

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F<sub>1</sub>

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F<sub>1</sub>

B8111A1

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KCAI / LEAH

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B8111A1

F<sub>1</sub>

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B8111A1

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B8220A1

F<sub>1</sub>

KCAI / LEAH F<sub>1</sub> // LEAH

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plp 10/11

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B8220A1

F<sub>1</sub>

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p/p 10/11



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B8220A1

F<sub>1</sub>

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e/p 10/11

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B8220A1

F<sub>1</sub>

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B8118A1

F<sub>1</sub>

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8003050 / KCAI

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B5118A1

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BS118A1

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B8118A1

F<sub>1</sub>

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B8118A1

F<sub>1</sub>

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RU8003050

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B8236A1

F<sub>1</sub>

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KCAI / 8003050 F<sub>1</sub> // 8003050

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B8236A1

F<sub>1</sub>

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B8236A1

F<sub>1</sub>

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B8236A5

F<sub>1</sub>

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B8236A5

F<sub>1</sub>

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| 20737 | B8236A6 |  |  |  | F <sub>1</sub> |
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| 20738 | RU8303046 |  |  |  | 46 |
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| 20739 | B8236A8 |  |  |  | F <sub>1</sub> |
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| 20744 |  |  |  |  |  |
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| F <sub>1</sub> | B8236A8                               | 20745 |
| Stg            | BOND                                  | 20746 |
| F <sub>1</sub> | B8235A1                               | 20747 |
|                | KCAI / 8003050 F <sub>1</sub> // KCAI | 20748 |
|                |                                       | 20749 |
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|                |                                       | 20751 |
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B8235A1

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B8235M1

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B8235A1

F<sub>1</sub>

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BS174A1

F<sub>1</sub>

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B8174A1

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B8174A1

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B8119A1

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LMNT / KCAI

F<sub>1</sub>

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38119A1

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B8119A1

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B813A1

F<sub>1</sub>

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29LU / 8003050

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B813A1

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F<sub>1</sub>

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3813A1

F<sub>1</sub>

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B813A1

F<sub>1</sub>

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29LU1

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B8221A1

F<sub>1</sub>

29LU / 8003050 F<sub>1</sub> // 8003050

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B8221A1

F<sub>1</sub>

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F<sub>1</sub>

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B8221A2

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B8221A3

F<sub>1</sub>

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B8221A3

F<sub>1</sub>

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B8221A3

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B819A1

F<sub>1</sub>

BLMT / 29LU

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3819A1

F<sub>1</sub>

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B819A1

F<sub>1</sub>

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B819A1

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B818A3

F<sub>1</sub>

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LMNT / 29 LU

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B818A3

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F<sub>1</sub>

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B818A3

F<sub>1</sub>

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| 20945 | B818A3 |  |  | F <sub>1</sub> |
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| 20946 |  |  |  |  |
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| 20949 |  |  |  |  |
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| 20950 | LMNT |  |  | F <sub>d</sub> |
|-------|------|--|--|----------------|

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|-------|--------|--|--|----------------|
| 20951 | B815A1 |  |  | F <sub>1</sub> |
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|  | 29LU / LEAH |  |  |  |
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| 20952 |  |  |  |  |
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3815M

F<sub>1</sub>

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B815A1

F<sub>1</sub>

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LEAH

Cro

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B8214A1

F<sub>1</sub>

29LU / LEAH // 29LU

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B8214A1

F<sub>1</sub>

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B8214A1

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B8214A1

F<sub>1</sub>

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B8214A1

F<sub>1</sub>

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21000

8

B822A1

F<sub>1</sub>

21001

ANTI / 8101021 (STBN/TTEP)

21002

21003

21004

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21008

21009

B822A1

F<sub>1</sub>

21010

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21016

B822A1

F<sub>1</sub>

21017

21018

21019

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21022

Ai-nan-tsoo 39

/1504

21023

B8138A

F<sub>1</sub>

MTCA/BLMT

21024



B8138A1

21025

F<sub>1</sub>

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B8138A1

F<sub>1</sub>

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B8138A1

F<sub>1</sub>

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21048

B8138A1

F<sub>1</sub>

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21051

21052

21053

Mutica

agburn

CI 12273

21054

B8258A1

F<sub>1</sub>

21055

MTCA / BLMT F<sub>1</sub> // LMNT

21056



21057

B8258A1

F<sub>1</sub>

21058

plp 10/10

21059

21060

21061

BLMT

F<sub>d</sub>

21062

B8261A1

F<sub>1</sub>

MTCA/BLMT F<sub>1</sub> // VSTA/LBNT

21063

21064

B8261A

F<sub>1</sub>

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21073 B8261A1

F<sub>1</sub>

21074 L-202

Biggs

21075 B8261A2

F<sub>1</sub>

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21080

B8261A2

F<sub>1</sub>

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M-9

117

21083

B8177A1

F<sub>1</sub>

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2/10/10



38177A1

21089

F<sub>1</sub>

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1/8 10/10

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B8177A1

F<sub>1</sub>

21097

p/p 10/10

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21100

B8129A1

F<sub>1</sub>

21101

LMNT/MTCA

21102

21103

21104

B8129A1

5.

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2111

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B8129A1

F<sub>1</sub>

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21121

B8129A1

F<sub>1</sub>

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B8129A1

F<sub>1</sub>

21129

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21132

LMNT

Fd

21133

B8146A1

F<sub>1</sub>

21134

MTCA / 8003050

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B8146A1

F<sub>1</sub>

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B5146A1

F<sub>1</sub>

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B8146A1

F<sub>1</sub>

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21160

38146A1

F<sub>1</sub>

21161

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21165

RU8003050

52

21166

38152A1

F<sub>1</sub>

21167

MTCA / SKBT

21168

21169

B8152A1

F<sub>1</sub>

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B8152A1

F,

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B8152A1

F<sub>1</sub>

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21190

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21192

B8152A1

F<sub>1</sub>

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SKBT

21200

F<sub>d</sub>

Seeded 6/4/84

S-5, 9E

21201

B8145A1

F

MTCA / 8102044

21202

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B8145A1

11200000

F<sub>1</sub>

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B8145A1

F

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|----------------|------------------------------|-------|
| gburn          | Mutica                       | 21225 |
| F <sub>1</sub> | B8153A1                      | 21226 |
|                | B786A3 F <sub>1</sub> / MTCA | 21227 |
|                |                              | 21228 |
|                |                              | 21229 |
|                |                              | 21230 |
|                |                              | 21231 |
|                |                              | 21232 |

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B8153A1

F

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B8153A1

F<sub>1</sub>

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| 21249 | B8153M1 |  |  | F <sub>1</sub> |
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| 21250 | LBNT |  |  | F <sub>d</sub> |
|-------|------|--|--|----------------|

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|-------|---------|--|--|----------------|
| 21251 | B8279M1 |  |  | F <sub>1</sub> |
|-------|---------|--|--|----------------|

7603069 / BJ-1 F<sub>1</sub> // 8003005

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| 21253 |  |  |  |  |
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| 21254 |  |  |  |  |
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| 21256 |  |  |  |  |
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B8279A1

F

21257

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B8279A1

F<sub>1</sub>

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B8279A1

F<sub>1</sub>

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RU8003005

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B8279A2

F<sub>1</sub>

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B8279A2

F<sub>1</sub>

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B8279A2

F<sub>1</sub>

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21297

B8279A2

F<sub>1</sub>

21298

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21300

21301

B8279A3

F<sub>1</sub>

21302

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21304

B8279A3

F<sub>1</sub>

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B8279A3

F,

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B8279A3

F<sub>1</sub>

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21324

BLMT

Fd

21325

B8279A4

F<sub>1</sub>

21326

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21329

B8279A4

F<sub>1</sub>

21330

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38279A4

F1

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21345

B8279A4

F<sub>1</sub>

21346

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LBLE-X2-2

11000

21351

B8279A5

F<sub>1</sub>

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D8279A5

F<sub>1</sub>

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B8279A5

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F<sub>1</sub>

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B8279A5

F<sub>1</sub>

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LMNT

F<sub>d</sub>

21375

B8278A1

F<sub>1</sub>

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21377

B8278A1

F<sub>1</sub>

7603069 / BJ-1 F<sub>1</sub> // LMNT

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38278A1

F<sub>1</sub>

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BS278A1

F

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B8278A2

F<sub>1</sub>

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B8278A2

F<sub>1</sub>

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B8278A2

F<sub>1</sub>

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RU8303116

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B8278A3

F<sub>1</sub>

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21425 B8278A3

F<sub>1</sub>

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B8278A3

F<sub>1</sub>

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TBNT

Stg

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B8278A4

F<sub>1</sub>

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21441

B8278A4

F

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B5278A4

F<sub>1</sub>

21449

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B8278A5

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SKBT

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Fd

B8278A6

F<sub>1</sub>

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B8278A6

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F<sub>1</sub>

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$F_1$ 

B8278A6

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UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

# FIELD NOTEBOOK

## AGRONOMIC NOTES

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

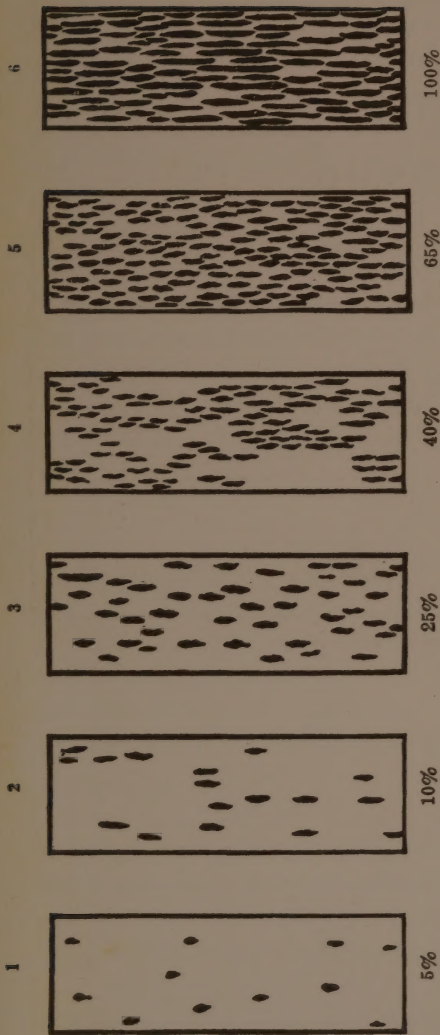


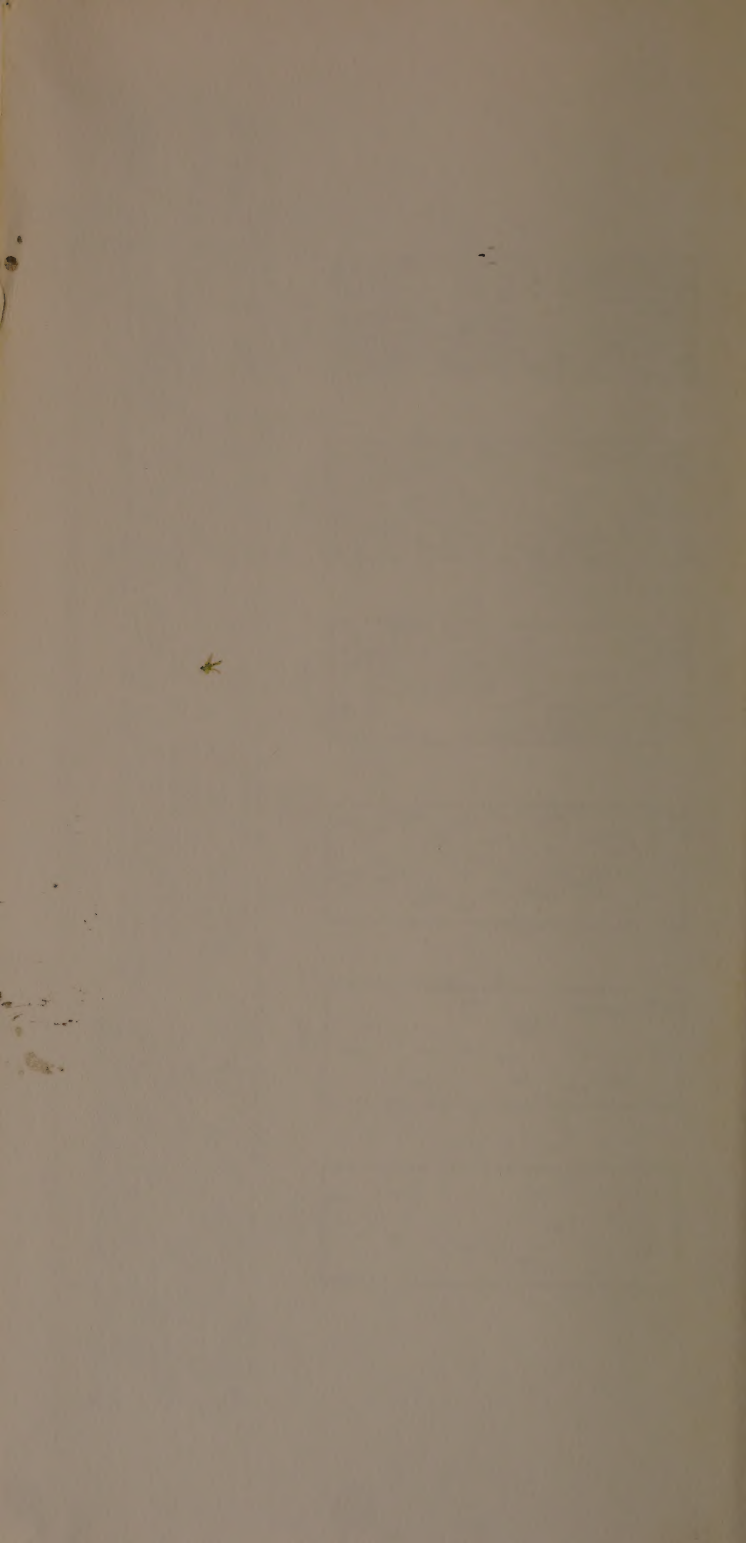
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

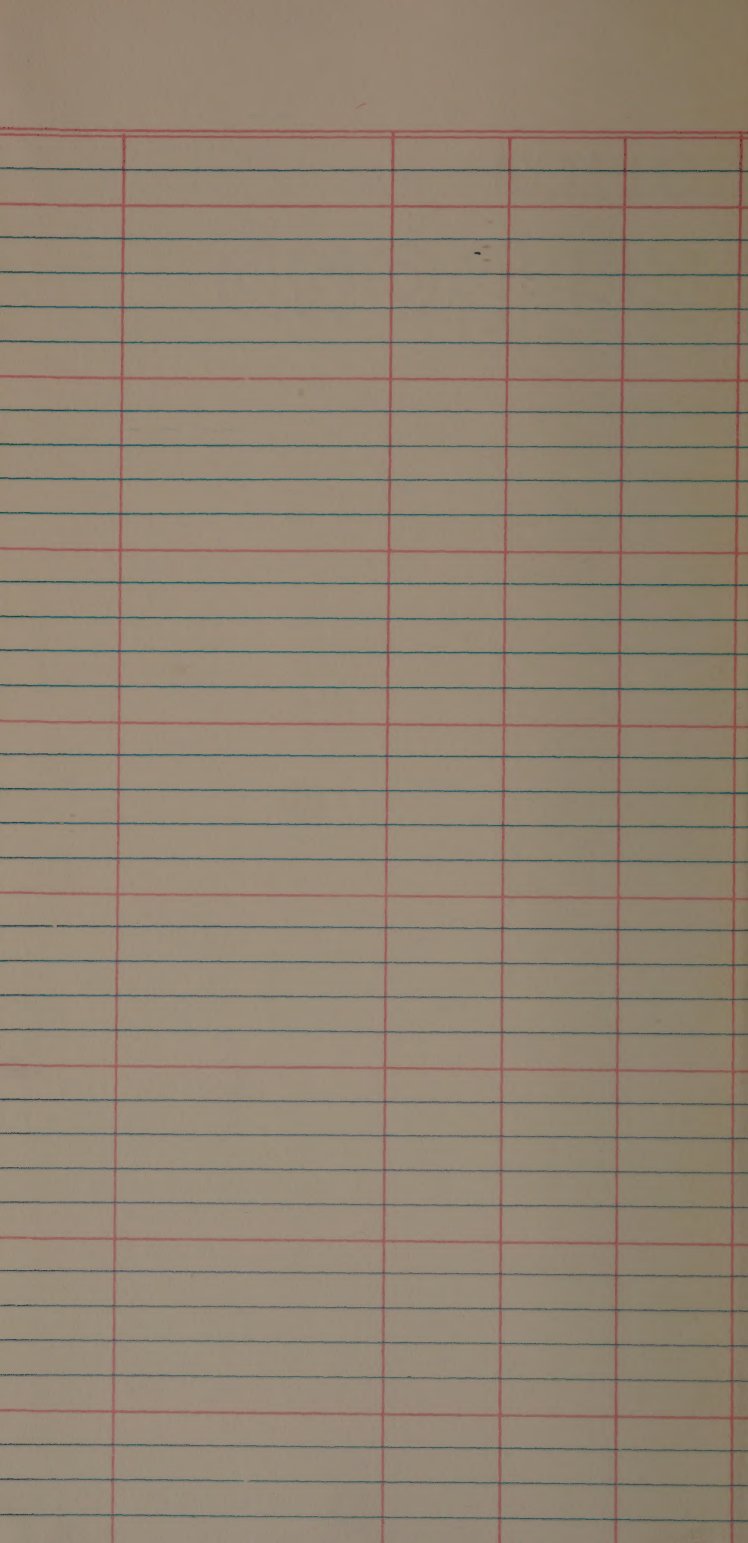
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

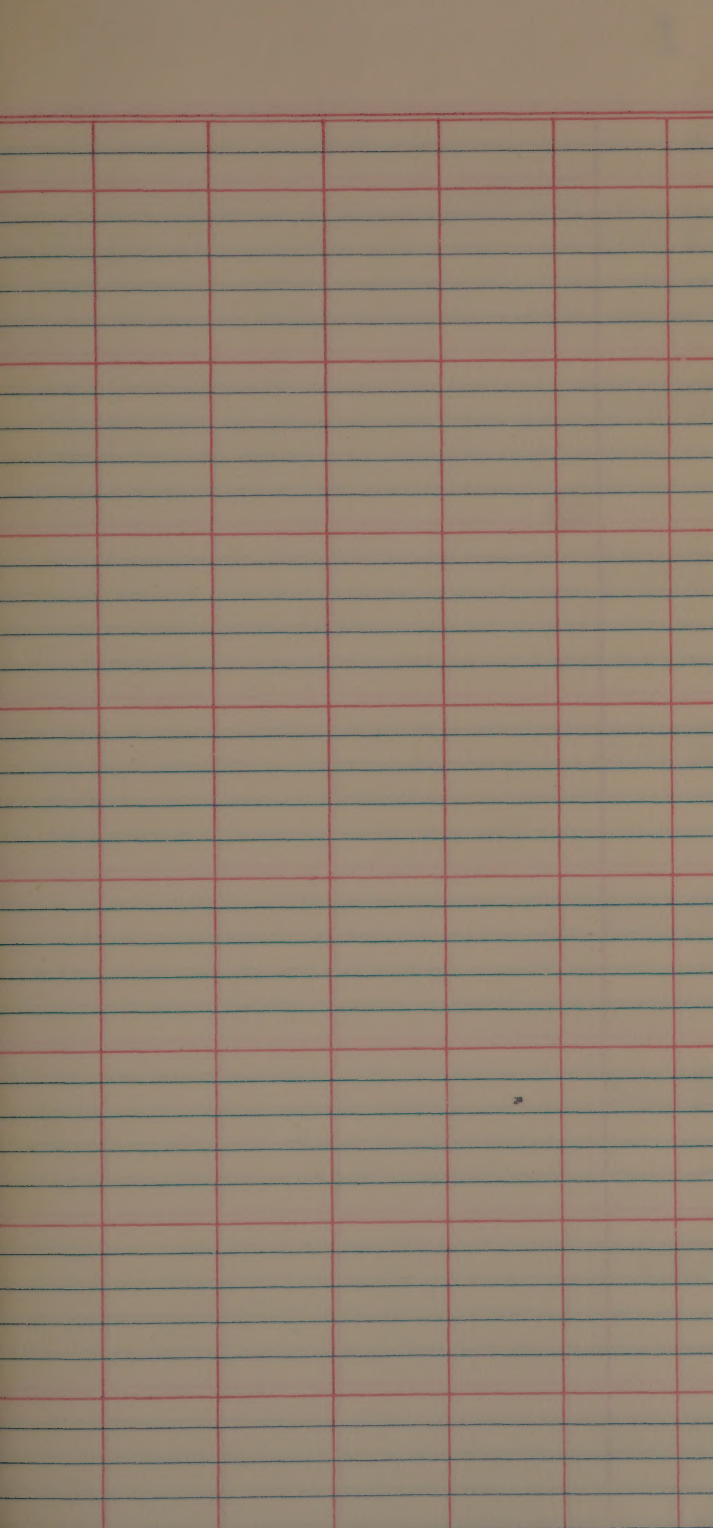
While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



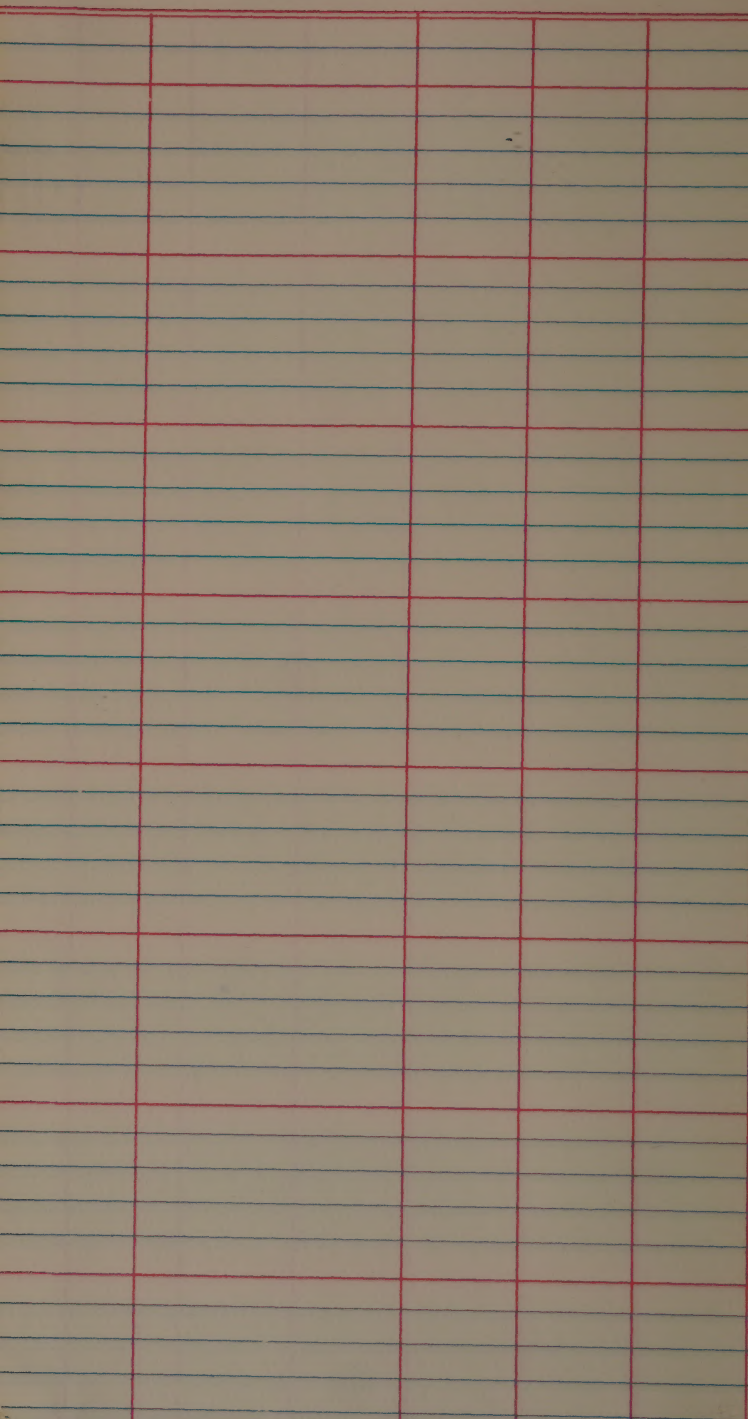


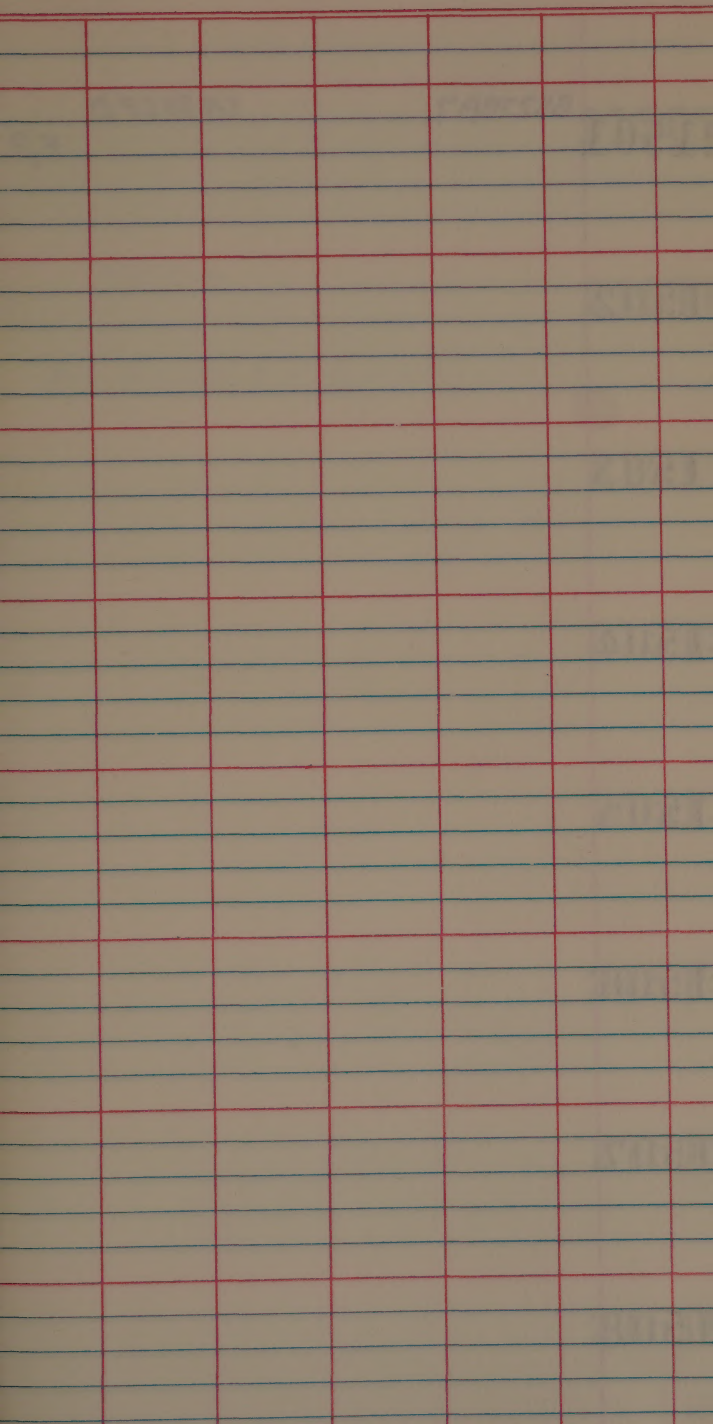












21501

B8278A7

F<sub>1</sub>

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B 8278 A7

F<sub>1</sub>

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B8278A7

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21524

Stg BOND

21525

F<sub>1</sub> B8275A1

21526

LBLE-X2-2/BJ-1 F<sub>1</sub> // LMNT

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B8275A1

F<sub>1</sub>

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B8275A1

1A2TS83

F<sub>1</sub>

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| 21549 | B8275A1 |  |  | F <sub>1</sub> |
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|-------|-----------|--|--|-------|
| 21550 | LBLE-X2-2 |  |  | 11000 |
|-------|-----------|--|--|-------|

|       |                                         |  |  |                |
|-------|-----------------------------------------|--|--|----------------|
| 21551 | B8276A1                                 |  |  | F <sub>1</sub> |
|       | LBLE-X2-2 / BJ-1 F <sub>1</sub> // ELBL |  |  |                |

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| 21552 |  |  |  |  |
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| 21553 |  |  |  |  |
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| 21556 |  |  |  |  |
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B8276A1

F<sub>1</sub>

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B8276A1

F<sub>1</sub>

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$F_1$ 

B8276A1

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ELBL

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B8276A3

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| 221581 | B8276A3 |
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221582

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B8276A3

F<sub>1</sub>

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| 21597 | B8276A3 |  |  |  |
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F<sub>1</sub>

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| 21598 |  |  |  |  |
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| 21599 |  |  |  |  |
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| 21600 |  |  |  |  |
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| 21601 | B8276A4 |  |  |  |
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F<sub>1</sub>

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| 21602 |  |  |  |  |
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| 21603 |  |  |  |  |
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| 21604 |  |  |  |  |
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B8276A4

F<sub>1</sub>

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| 21613 | B8276A4 |  |  | F <sub>1</sub> |
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| 21614 |  |  |  |  |
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| 21615 |  |  |  |  |
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| 21618 |  |  |  |  |
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| 21619 | LBLE |  |  | F <sub>d</sub> |
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| 21620 | B8276A5 |  |  | F <sub>1</sub> |
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B8276A5

F<sub>1</sub>

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B8276A5

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B8276A5

F<sub>1</sub>

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| 21645 | B82T6A5 |  |  |  |
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| 21646 |  |  |  |  |
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| 21648 |  |  |  |  |
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| 21649 |  |  |  |  |
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| 21650 | LBNT |  |  |  |
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Fd

|       |         |  |  |  |
|-------|---------|--|--|--|
| 21651 | B82T6A6 |  |  |  |
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F<sub>1</sub>

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| 21652 |  |  |  |  |
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F<sub>1</sub>

B8276A6

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B8276A6

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F<sub>1</sub>

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B8276A6

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21677 LMNT

Fd

21678 B8277A1

F<sub>1</sub>

9881/331581//BJ-1 F<sub>1</sub> X ELBL

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B8277A1

F<sub>1</sub>

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B8277A1

F<sub>1</sub>

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B8277A2

F<sub>1</sub>

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221709

B82TTA2

F<sub>1</sub>

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221712

221713

221714

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221716

B8277A2

F<sub>1</sub>

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21725

B8277A2

F<sub>1</sub>

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21732

B82T7A2

F<sub>1</sub>

21733

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21735

BLMT

F<sub>d</sub>

21736

B82T7A3

F<sub>1</sub>

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B82T7A3

21741

F<sub>1</sub>

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B8277A3

F<sub>1</sub>

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B8277A3

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F<sub>1</sub>

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21761

LEAH

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Cro

B8277A4

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F<sub>1</sub>

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B8277A4

F<sub>1</sub>

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21773 B8217A4

F<sub>1</sub>

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21778 NWRX

F<sub>d</sub>

21779 B8217A7

F<sub>1</sub>

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B8277A7

F<sub>1</sub>

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B8277A7

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F<sub>1</sub>

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B8277A7

PATTISON

F<sub>1</sub>

21797

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21800

B8277A8

F<sub>1</sub>

21801

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B8277A8

F<sub>1</sub>

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38277AS

F,

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| 21821 | B8277A8 |  |  | F <sub>1</sub> |
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| 21822 |  |  |  |  |
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| 21823 |  |  |  |  |
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| 21824 |  |  |  |  |
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|-------|-------------|--|--|-------|
| 21825 | LBLE -X2- 2 |  |  | 11000 |
|-------|-------------|--|--|-------|

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|-------|---------|--|--|----------------|
| 21826 | B8277A9 |  |  | F <sub>1</sub> |
|-------|---------|--|--|----------------|

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| 21827 |  |  |  |  |
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| 21828 |  |  |  |  |
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B8277A9

F<sub>1</sub>

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221837

B8277A9

F<sub>1</sub>

221838

221839

M-201

Biggs

221840

B8284A1

F<sub>1</sub>

ESDT / R08102044 F<sub>1</sub>

X 9881/331581//B5-1 F<sub>1</sub>

221841

221842

221843

221844

B8284A1

F<sub>1</sub>

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B8284A1

F<sub>1</sub>

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B8284M1

F<sub>1</sub>

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| 21869 | B8284A1 |  |  | F <sub>1</sub> |
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| 21870 |  |  |  |  |
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| 21871 |  |  |  |  |
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| 21872 |  |  |  |  |
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| 21873 |  |  |  |  |
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| 21874 |  |  |  |  |
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| 21875 | MARS |  |  | 33 |
|-------|------|--|--|----|

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|-------|---------|--|--|----------------|
| 21876 | B8284A2 |  |  | F <sub>1</sub> |
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B8284A2

F<sub>1</sub>

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B8284A2

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F<sub>1</sub>

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138284A2

F<sub>1</sub>

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B8284A3

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B8284A3

F<sub>1</sub>

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21915

BRAZ

Fd

21916

21917 B8284A5

F<sub>1</sub>

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21924

B8284A5

F<sub>1</sub>

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21927

21928

PCOS

Fd

21929

B8284A6

F<sub>1</sub>

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21933

B8284A6

F<sub>1</sub>

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F  
138284A6

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| 21949 | B8284 A6 |  |  | F <sub>1</sub> |
|-------|----------|--|--|----------------|

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|-------|------|--|--|-----|
| 21950 | VSTA |  |  | 119 |
|-------|------|--|--|-----|

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|-------|---------|--|--|----------------|
| 21951 | B8284A7 |  |  | F <sub>1</sub> |
|-------|---------|--|--|----------------|

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| 21952 |  |  |  |  |
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| 21953 |  |  |  |  |
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| 21954 |  |  |  |  |
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| 21955 |  |  |  |  |
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| 21956 |  |  |  |  |
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B8284A7

F<sub>1</sub>

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| 21965 | B8284A7   |  |  | F              |
|       |           |  |  |                |
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| 21966 |           |  |  |                |
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| 21967 |           |  |  |                |
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| 21968 |           |  |  |                |
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| 21969 |           |  |  |                |
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| 21970 |           |  |  |                |
|       |           |  |  |                |
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|       |           |  |  |                |
| 21971 | BRAZ-X2-1 |  |  | 2128           |
|       |           |  |  |                |
|       |           |  |  |                |
|       |           |  |  |                |
| 21972 | B8284A8   |  |  | F <sub>1</sub> |

B8284A8

F<sub>1</sub>

21973

21974

21975

21976

21977

21978

21979

21980

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|-------|---------------------------------------------------------------------------|--|----------------|
| 21981 | B8284A8                                                                   |  | F <sub>1</sub> |
| 21982 |                                                                           |  |                |
| 21983 |                                                                           |  |                |
| 21984 |                                                                           |  |                |
| 21985 | S-201                                                                     |  | 120            |
| 21986 | B8285A1<br>ESD7/8102044 F <sub>1</sub><br>X LBLE-XZ-2/B3-1 F <sub>1</sub> |  | F <sub>1</sub> |
| 21987 |                                                                           |  |                |
| 21988 |                                                                           |  |                |

B8285A1

F<sub>1</sub>

21989

21990

21991

21992

21993

21994

21995

21996



21997

B8285A1

F<sub>1</sub>

21998

21999

22000

22001

B8285A2

F<sub>1</sub>

22002

22003

p/p 10/10

22004

B8285A2

F<sub>1</sub>

22005

22006

22007

p/p 10/10

22008

22009

22010

22011

22012

22013

B8285A2

F<sub>1</sub>

22014

22015

22016

NATO

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22017

B8285A3

F<sub>1</sub>

22018

22019

22020

$F_1$ 

B8285A3

22021

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22023

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22025

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22028

M-101

Biggs

B8151A1

 $F_1$  $\frac{1}{p}$  10/11



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|-------|---------------|--|--|----|
| 22029 | B8151A1       |  |  |    |
|       | mutica / ESDT |  |  | F, |

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B8151A1

F1

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| 22045 | B8151A1 |  |  | F <sub>1</sub> |
|-------|---------|--|--|----------------|

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| 22046 |  |  |  |  |
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| 22047 |  |  |  |  |
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| 22049 |  |  |  |  |
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| 22050 |  |  |  |  |
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| 22051 | Mutica |  |  | Cogburn |
|-------|--------|--|--|---------|

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|-------|---------------|--|--|----------------|
| 22052 | B8150A1       |  |  | F <sub>1</sub> |
|       | Mutica / M302 |  |  |                |

B8150A1

F,

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38150 A1

F<sub>1</sub>

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B8150A1

F<sub>1</sub>

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M-302

2/1649

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B8149A1

Mutica / MARS

F<sub>1</sub>

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38149A1

F,

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B8149A1

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22100

B8148A1

F<sub>1</sub>

Mutica / PCOS

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B8148A1

F<sub>1</sub>

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B8148A1

F<sub>1</sub>

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22119

PCOS

Fd

22120

B8168A1

F<sub>1</sub>

22121

9545/NOVA//IR-8/3/Ai-nou-tsoo 39 F<sub>1</sub>

X MARS

22122

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22125

B8168A1

F<sub>1</sub>

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B8168A1

F<sub>1</sub>

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22139

Ai-nou-tsao 39

50/1504

22140

22141

B8169A1

CI9545/NOVA//IR-8/3/Ai-nou-tsoo 39 F,

F<sub>1</sub>

x 8102044

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38169A1

F<sub>1</sub>

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| 22157 | B8169A1 |  |  | F <sub>1</sub> |
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| 22158 |  |  |  |  |
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| 22159 |  |  |  |  |
|-------|--|--|--|--|

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|-------|---------------|--|---------|--|
| 22160 | Ai-non-tsoo 1 |  | 80/1503 |  |
|-------|---------------|--|---------|--|

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|-------|-----------------|--|--|----------------|
| 22161 | B8172A1         |  |  | F <sub>1</sub> |
|       | HK 76 / 7603091 |  |  |                |

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| 22162 |  |  |  |  |
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| 22163 |  |  |  |  |
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| 22164 |  |  |  |  |
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BS172A1

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B8172A1

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R07603091

82/6726

38173A1

F<sub>1</sub>

HK T6 / LA 110

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B8173A1

F<sub>1</sub>

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F, B5173A1

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8 or 80?

F, B528A1

22201

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| 22205 | B828A1 |  |  |  |
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| 22206 |  |  |  |  |
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| 22207 |  |  |  |  |
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| 22208 |  |  |  |  |
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| 22209 |  |  |  |  |
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| 22210 |  |  |  |  |
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|-------|------|--|--|--|
| 22211 | GROS |  |  |  |
|-------|------|--|--|--|

82/2180

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|-------|--------|--|--|--|
| 22212 | B812A1 |  |  |  |
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F<sub>1</sub>

B812A1

F<sub>1</sub>

22213

29L01 X NTAI//9545/NOVA  
(RU8003053)

22214

22215

22216

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22220

first heading  
1/27



B812A1

22221

F<sub>1</sub>

22222

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22228

first heading 7/27

B812A1

F1

22229

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22231

22232

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22236

*first heading 7/27*

22237

B812A1

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22240

RU8003053

82/53

22241

B8110A1

NATO / 29 LV1

7

22242

22243

first heading 1/26

22244

38110A1

F<sub>1</sub>

22245

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22252

first heading 7/26



22253

BS110A1

F<sub>1</sub>

22254

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22260

29L01

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80h505

first heading 1/26

58117A1

F<sub>1</sub>NATO/29LUI F<sub>1</sub> // 29LUI

22261

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22263

22264

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BSIITAI

F<sub>1</sub>

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B8117A1

F<sub>1</sub>

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RU8003050

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22280

81 or 82?

B8123A1

F<sub>1</sub>

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B8123A1

F1

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B8123A1

F<sub>1</sub>

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B8240A1

29L01 / 7902030

F<sub>1</sub>

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B8240A1

110P585

F<sub>1</sub>

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22316



22317 B8240A1

F<sub>1</sub>

22318

22319

22320 LEAH

Cro

22321 B814A1

F<sub>1</sub>

296U / 7902030

22322

22323

22324

B814A1

F<sub>1</sub>

22325

22326

22327

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22330

22331

22332

*first heading 1/28*

22333

B814A1

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first heading 7/28

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22340

CI 9545

82/2165

F<sub>1</sub>

B8251A1

NSTA/LBNT//PCOS

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B773A1-G35-1-1-3

32/85

elite germplasm

22348



22349

B8281A1

USTA/LBNT//L110/NATO F1

F1

X L110/NATO

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B8281M

F<sub>1</sub>

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LA 110

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22363

B815TAI

F<sub>1</sub>

22364

VSTA/LANT//MIOI

B8157A1

22365

F<sub>1</sub>

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38157A

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|-------|------|--|--|-------|
| 22381 | M101 |  |  | Biggs |
|-------|------|--|--|-------|

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|-------|---------------------------|--|--|----|
| 22382 | B8176A1<br>1902144 / m302 |  |  | F1 |
|-------|---------------------------|--|--|----|

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| 22383 |  |  |  |  |
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| 22384 |  |  |  |  |
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| 22385 |  |  |  |  |
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| 22386 |  |  |  |  |
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| 22387 |  |  |  |  |
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| 22388 |  |  |  |  |
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B8176A1

F<sub>1</sub>

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Seeded 6/4/84

S-5, TE

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| 22397 | B8176A1 |  | F <sub>1</sub> |
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| 22398 |  |  |  |
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| 22399 |  |  |  |
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| 22400 |  |  |  |
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| 22401 | B8159A1                |  | F <sub>1</sub> |
|       | VSTA/LBNT// 80Cf 17951 |  |                |

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| 22402 |  |  |  |
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| 22403 |  |  |  |
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| 22404 |  |  |  |
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B8159A1

F<sub>1</sub>

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B8159A1

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NATO

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B5160A3

F<sub>1</sub>VSTA/LBNT // L110 / NATO F<sub>6</sub>

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B8160A3

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F<sub>1</sub>

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F<sub>1</sub>

B8160A3

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NTAI

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B8161A1

F<sub>1</sub>

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VSTA/LBNT//LIID/NATO F<sub>6</sub>

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B8161A1

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138161A1

F<sub>1</sub>

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Bai Zhen Long

7100

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B8166A1

NSTA/LONT // YABANI MT

F<sub>1</sub>

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B8166A1

F<sub>1</sub>

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B8166A1

F<sub>1</sub>

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Quing Fun Wang

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B8167A3

F<sub>1</sub>

VSTA/LDNT//ESD 7

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B8167A3

F<sub>1</sub>

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B8167A3

F<sub>1</sub>

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22500

B8113A1

F,

KCAI / 3 / NTAI // 9545 / NOYA

(R08003053)

22501

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B8113A1

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F<sub>1</sub>

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B8113A1

F<sub>1</sub>

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22519

RU8003053

82/53

22520

B8112A2

F<sub>1</sub>

22521

KCAI / NATO

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22523

22524

first heading 7/26

BS112A2

22525

F<sub>1</sub>

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First heading 7/26

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B8112M2

F,

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first hearing 7/26

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Kwang-chang-ai

32/1809

22540



BS226A1

22541

F<sub>1</sub>

KCAI / NATO F<sub>1</sub> // KCAI

22542

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B8226A1

F

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22556

B8226A1

22557

F<sub>1</sub>

22558

22559

NV 76

22560

157

B8229A1

22561

F<sub>1</sub>

22562

22563

22564

B8229A1

F<sub>1</sub>

22565

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22569

Nanking

118

22570

B8232A2

F<sub>1</sub>

22571

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B8232A2

22573

F<sub>1</sub>

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B8232A2

F<sub>1</sub>

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TN-1

1105

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B8232A4

F<sub>1</sub>

22586

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B8232A4

22589

F<sub>1</sub>

22590

22591

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B8232A4

F<sub>1</sub>

22597

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22599

22600

B8228A1

F<sub>1</sub>

22601

B8114A1 F<sub>1</sub> / KCAI

22602

22603

22604



B8228A1

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F

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22612

B8228A1

F<sub>1</sub>

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B8228A1

F<sub>1</sub>

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Ai-non-tsao 1

80/1503

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B8228A2

F<sub>1</sub>

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B8228A2

F<sub>1</sub>

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B8228A2

F<sub>1</sub>

22638

IR-28

82/2141

22639

B8116A1

F<sub>1</sub>

KCAI / T902156

22640

22641

22642

22643

22644

first heading 7/21

B8116A1

F<sub>1</sub>

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22647

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22650

22651

22652

first heading 7/21

22653

B8116A1

F<sub>1</sub>

22654

22655

22656

first heading 7/21

22657

22658

22659

22660

PI 215936

82/2168

B8233A1

22661

B8116A1 / KCAI

22662

22663

22664

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22669 B8233A1

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B8233A1

F<sub>1</sub>

22677

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MARS

33

22680

B8234A1

F<sub>1</sub>

22681

B8116A1 F<sub>1</sub> / 7902156

22682

22683

22684

22685 B8234A1

F<sub>1</sub>

22686

22687

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22689

22690

22691

22692

B8234A1

F<sub>1</sub>

SAVES

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22699

22700



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| 22701 | B8234A2 |
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 $F_1$ 

22702

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B8234A2

F,

22709

22710

22711

22712

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22714

22715

LEAH

Cro

22716

22717 B8234A3

F<sub>1</sub>

22718

22719

22720

22721

22722

22723

22724 LMNT

F<sub>d</sub>

B8234A4

F<sub>1</sub>

22725

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22727

22728

22729

SKBT

F<sub>d</sub>

22730

B8234A5

F<sub>1</sub>

22731

22732



22733

B8234A5

F<sub>1</sub>

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B5234A5

F<sub>1</sub>

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22748

22749 B8234A5

F<sub>1</sub>

22750

22751

22752

22753

22754 L-202

Biggs

22755 B8141A1

80Cr 14187 / LA 110

F<sub>1</sub>

22756

B8141A1

F<sub>1</sub>

22757

22758

22759

22760

22761

22762

22763

22764



B8141A1

22765

F<sub>1</sub>

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22771

22772

F<sub>1</sub>

B8141A1

22773

22774

22775

22776

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22778

22779

B773A1-G35-1-1-3

22780

22781

B8144A1

80C-14187 / BRAZ

F<sub>1</sub>

22782

22783

22784

22785

22786

22787

22788

B8144A1

F<sub>1</sub>

22789

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22796



B8144A1

22797

F<sub>1</sub>

22798

22799

22800

B8156A1

22801

F<sub>1</sub>

80Cr 17951 // L110 / NATO F<sub>6</sub>

22802

22803

22804

B8156A1

F<sub>1</sub>

22805

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22809

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| 22813 | BS156A1 |  |  |  |
|-------|---------|--|--|--|

F<sub>1</sub>

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| 22814 |  |  |  |  |
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| 22815 |  |  |  |  |
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| 22816 |  |  |  |  |
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| 22817 |  |  |  |  |
|-------|--|--|--|--|

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| 22818 |  |  |  |  |
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| 22819 |  |  |  |  |
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|-------|--------|--|--|--|
| 22820 | LA 110 |  |  |  |
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B8170A3

F<sub>1</sub>

ESD7/8002115

22821

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22829

B8170A3

F<sub>1</sub>

22830

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22836

F<sub>1</sub> 88170A3

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22841

22842

22843

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22845 B8170A3

F<sub>1</sub>

22846

22847 M-401

82/1648

22848 B8171A3

F<sub>1</sub>

ESD7 / 8102044

22849

22850

22851

22852

38171A3

F<sub>1</sub>

22853

22854

22855

22856

22857

22858

22859

22860



88171A3

22861

F<sub>1</sub>

22862

22863

22864

22865

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22867

22868

B8171A3

F<sub>1</sub>

22869

PI 408449

5992-19000

22870

CI 7363

Lagburn

W.C. 53

22871

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"

22872

"

"

22873

9/17

6/4

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22874

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22875

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22876

22877

CS 7363

Cogburn

22878

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22879

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22880

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6/15 9/17

22881

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22882

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22883

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22884

"

Cagburn

CI 7363

22885

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22886

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22887

"

bnc 9/17

22888

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22889

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22890

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22891

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22892



|       |         |          |  |  |
|-------|---------|----------|--|--|
| 22893 | CI 7363 |          |  |  |
| 22894 | "       |          |  |  |
| 22895 | "       |          |  |  |
| 22896 | "       | b/c 9/17 |  |  |
| 22897 | "       |          |  |  |
| 22898 | "       |          |  |  |
| 22899 | "       |          |  |  |
| 22900 | "       |          |  |  |

Cogburn

Cagburn

CT 1367

W.C. 55

22901

"

"

22902

"

"

22903

"

"

9/17  
6K

22904

"

"

22905

"

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22906

"

"

22907

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22908

22909 CI 7367

Cogburn

22910 "

22911 "

22912 " 9/17  
6/5

22913 "

22914 "

22915 "

22916 "



|         |                    |       |
|---------|--------------------|-------|
| Cogburn | CI 7367            | 22917 |
| "       | bK 9/17            | 22918 |
| "       |                    | 22919 |
| "       |                    | 22920 |
| Cogburn | CI 7392<br>W.C. 69 | 22921 |
| "       |                    | 22922 |
| "       | bK 9/25            | 22923 |
| "       |                    | 22924 |



22925 CI 7392 Cogburn

22926 "

22927 "

22928 bk 9/25 "

22929 "

22930 "

22931 "

22932 "

|         |                          |         |
|---------|--------------------------|---------|
| Coqburn | CI 7392                  | 22933   |
| "       |                          | 22934   |
| "       |                          | 22935   |
| "       | bx 9/25                  | 22936   |
| "       |                          | 22937   |
| "       |                          | 22938   |
| MAM     | Carolina Gold<br>CI 1645 | 22939   |
|         |                          | bx 9/25 |
| MAM     | Golden Steve<br>B80/2713 | 22940   |
|         |                          | bx 9/25 |

|          |                           |       |     |
|----------|---------------------------|-------|-----|
| 22941    | Early Prolific<br>CI 5883 | 10/14 | MAM |
| bk 10/14 |                           |       |     |
| 22942    | Bluebonnet<br>CI 8322     |       | MAM |
| bk 10/11 |                           |       |     |
| 22943    | Cody<br>CI 8642           |       | MAM |
| bk 9/17  |                           |       |     |
| 22944    | Century 52<br>CI 9002     | 10/14 | MAM |
| bk 10/14 |                           |       |     |
| 22945    | Toro<br>CI 9013           | 10/14 | MAM |
| bk 10/14 |                           |       |     |
| 22946    | Conway<br>CI 9739         |       | MAM |
| bk 9/25  |                           |       |     |
| 22947    | Tadukan<br>PI 280681      | 10/14 | MAM |
| bk 10/14 |                           |       |     |
| 22948    | NP 125<br>PI 201902       | 8/23  | MAM |
| bk 9/17  |                           |       |     |



|     |                    |      |       |          |
|-----|--------------------|------|-------|----------|
| MAM | Zenith             | 8/27 | 22949 | bks 9/25 |
| MAM | Usen               | 8/27 | 22950 | bks 10/4 |
| MAM | Dular<br>PI 180061 | 8/6  | 22951 | bks 9/17 |
| MAM | Caloso             |      | 22952 | bks 9/25 |
| MAM | CI 8970-S          | 7/26 | 22953 | bks 8/27 |
| MAM | Kanto 51           |      | 22954 | bks 9/17 |
| MAM | Sarikilar          | 8/1  | 22955 | bks 8/27 |
| MAM | Sariceltin         |      | 22956 | bks 9/17 |
|     | Savare blast       |      |       |          |



22957 Hunan Early Dwarf No. 2 Greenhouse

PI 494756

22958

22959

22960

22961 Hunan Early Dwarf No. 3

7/24

Greenhouse

PI 494757

22962

"

7/25

22963

"

7/25

22964

"

7/25

Hunan Early Dwarf No. 4

22965

PI 494758

"

22966

b/c

9/17

"

22967

"

22968

Hunan Early Dwarf No. 7

22969

PI 494759

"

22970

8/27

b/c

"

22971

"

22972

22973 Hunan Early Dwarf No. 8  
PI 494760 Greenhouse

22974 "

22975 " bk 9/17

22976 "

22977 Hunan Early Dwarf No. 9  
PI 494761

22978 "

22979 " bk 10/14

22980 "

22980 "



Zhen Long 13  
Greenhouse

PI 494766

22981

22982

22983

22984

Yuan Feng Zao  
Greenhouse

PI 494765

22985

22986

22987

22988



22989

Er Jiu Qing

7/28

Greenhouse

PI 494762

22990

"

bk 8/27

7/29

22991

"

7/30

22992

"

7/30

22993

Qui Lu Ai No.8

PI 494764

22994

"

bk 9/25

22995

"

22996

"

Greenhouse

Hua Qiu

(red bran)

PI 494763

"

8/10

22997

bk 8/17

8/11

22998

"

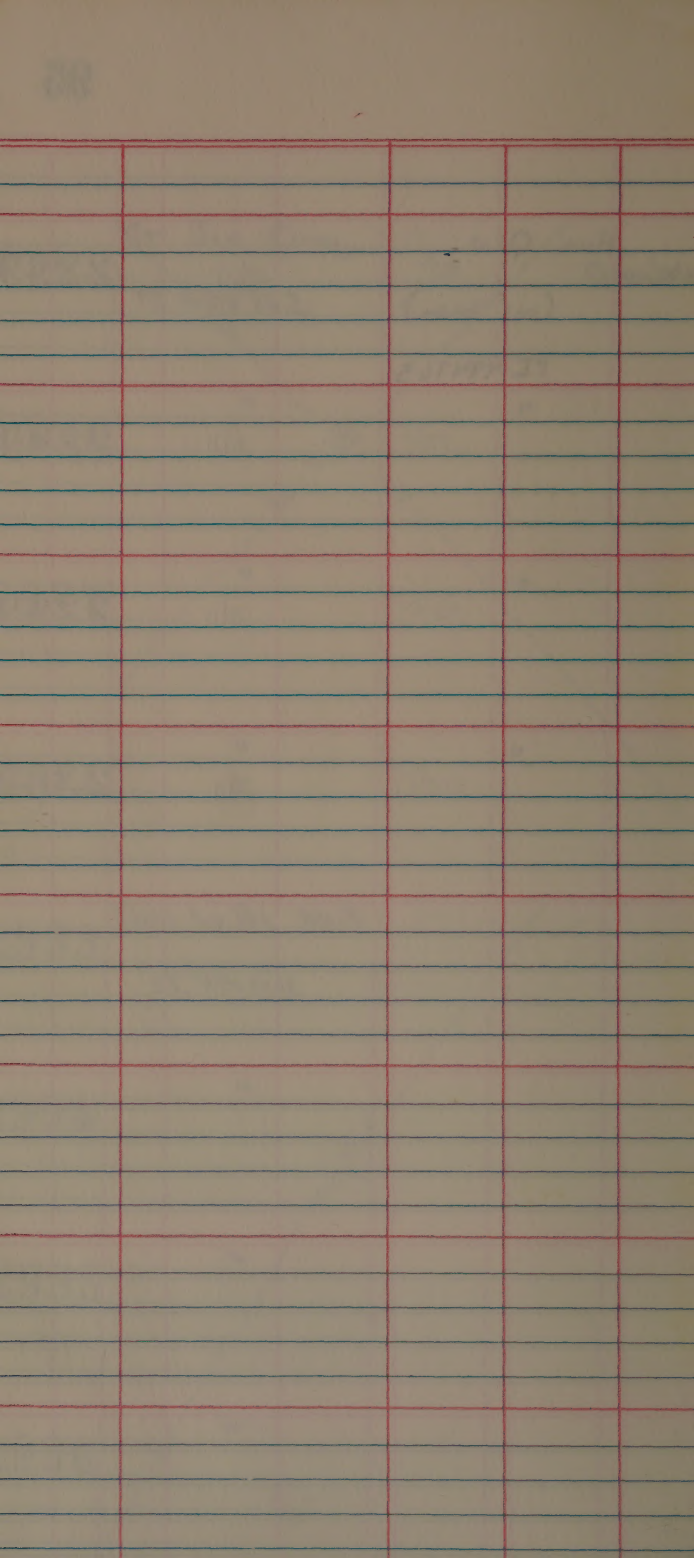
8/11

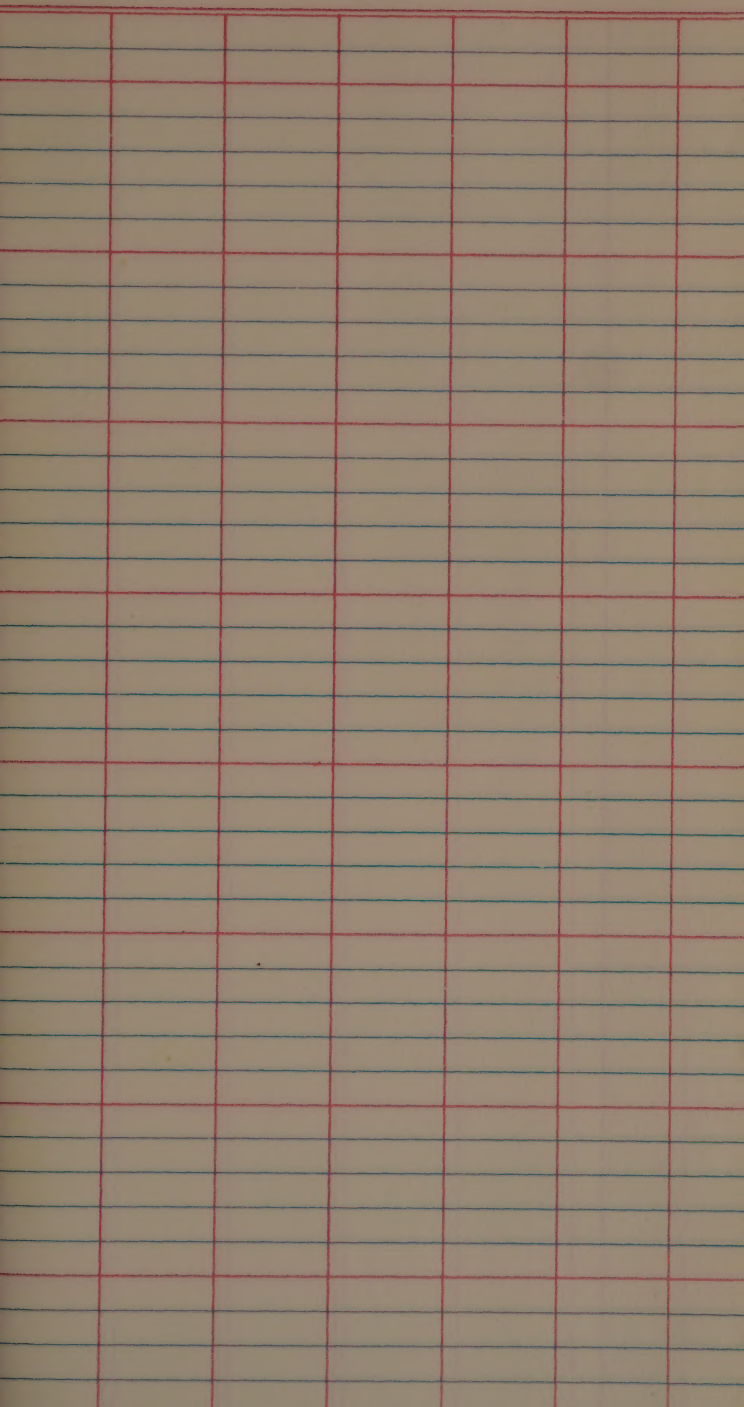
22999

"

8/11

23000

















UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

# FIELD NOTEBOOK

## AGRONOMIC NOTES

**If found, please tie securely and return to**

-----  
**(Employee's Name)**

-----  
**(Street Address)**

-----  
**(City and State)**

# SCALE FOR ESTIMATING RUST

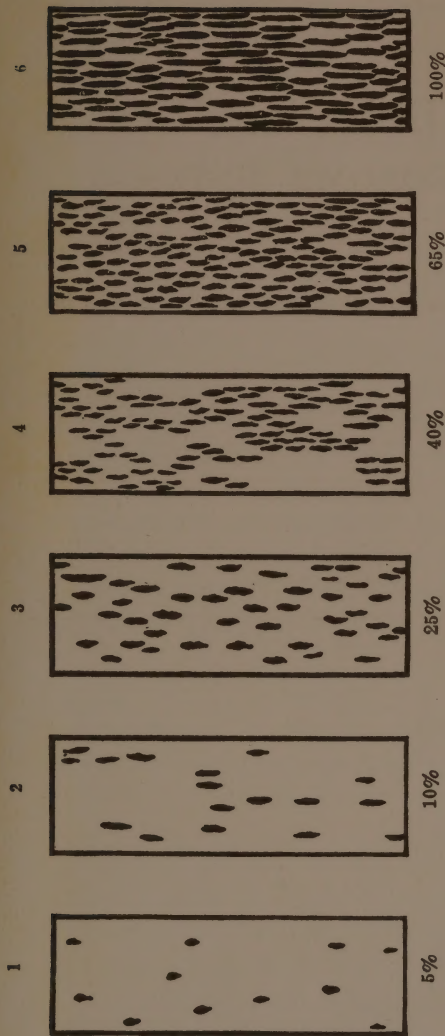


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

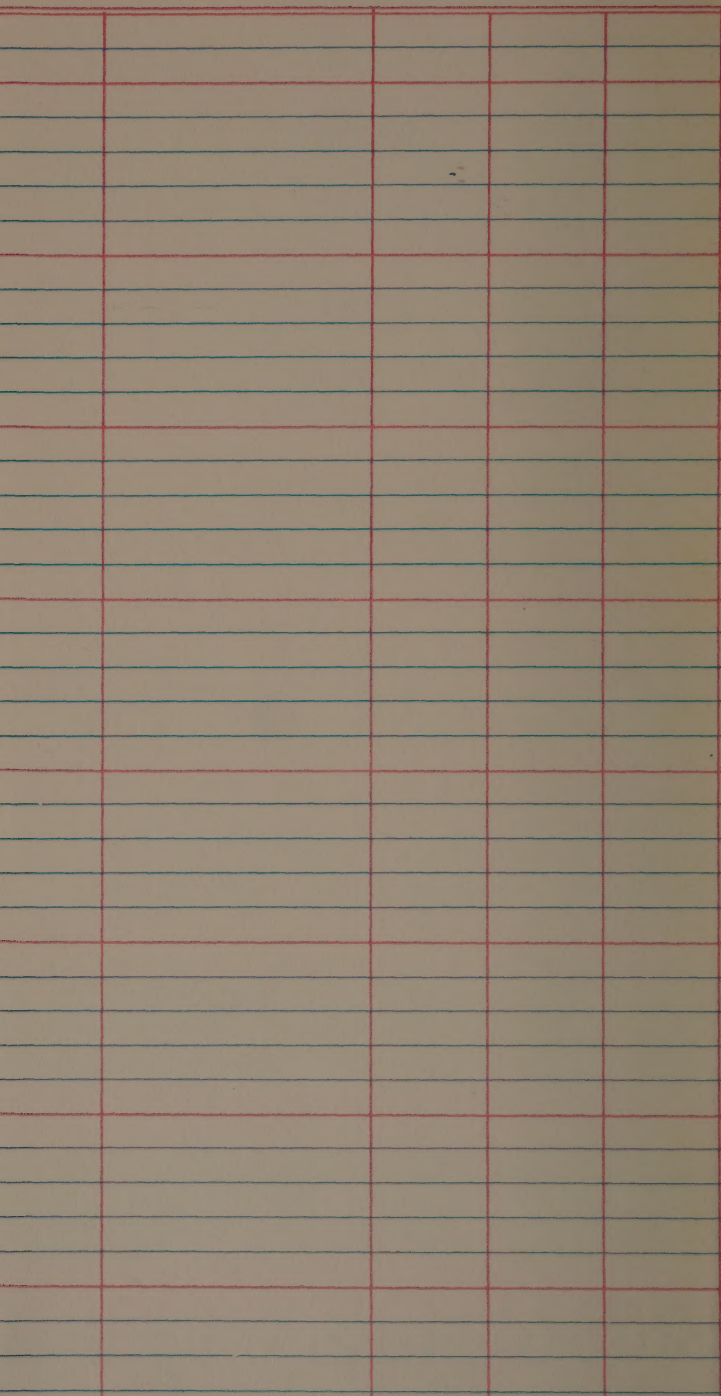
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

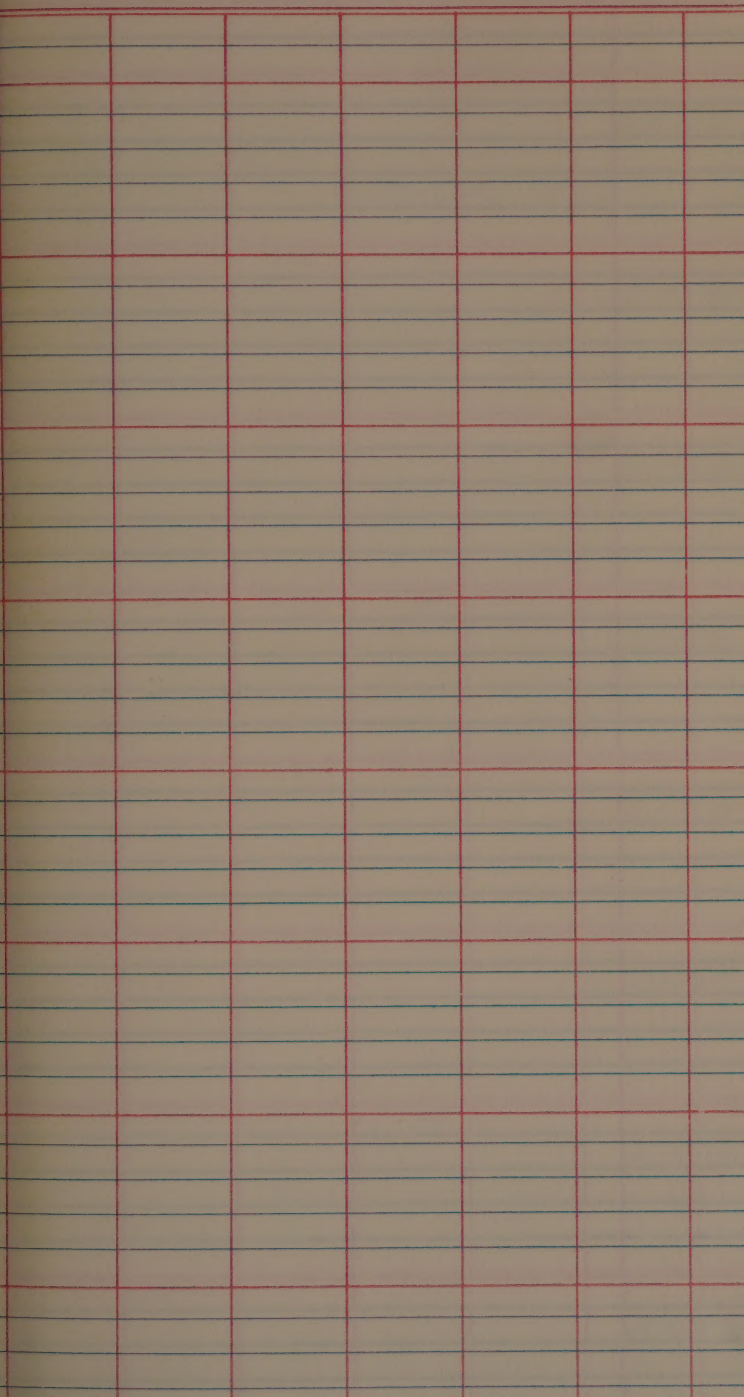
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

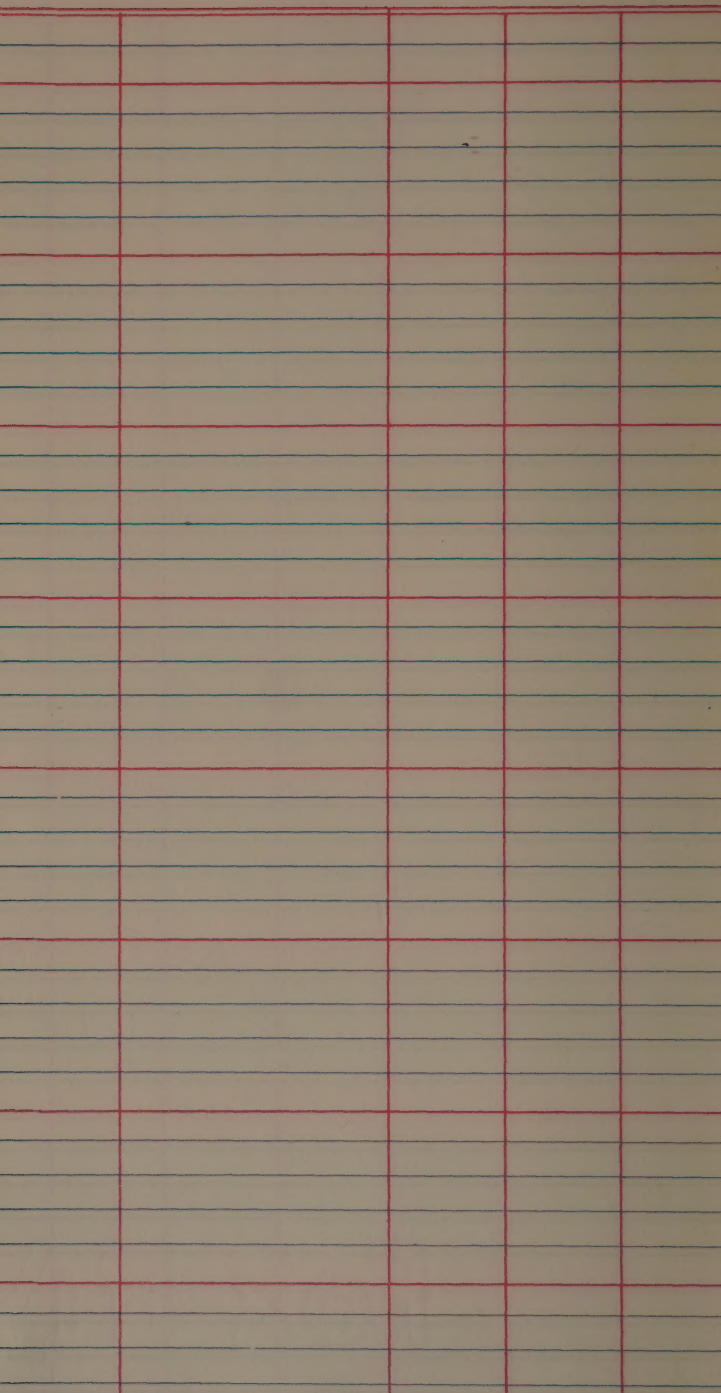


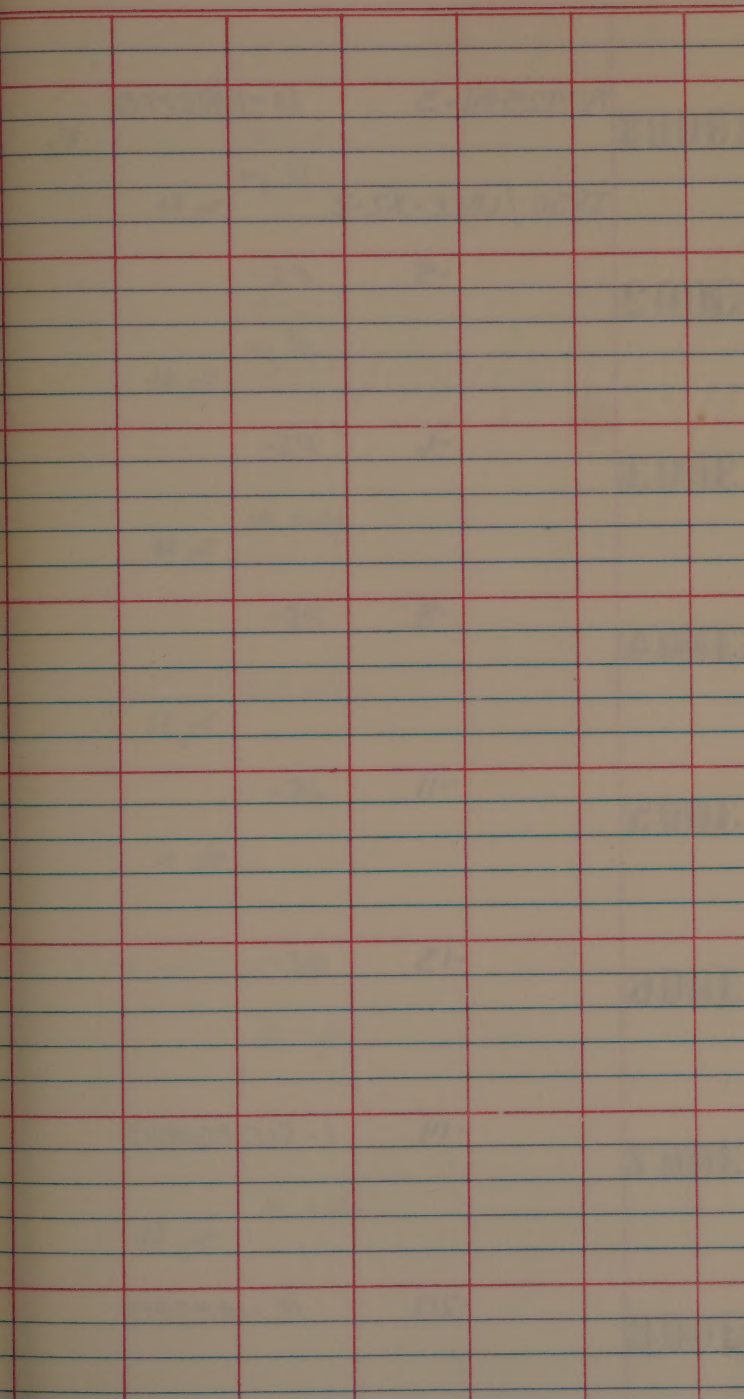














Seeded 5/14/84

S-4, 6W

|       |                  |       |                |
|-------|------------------|-------|----------------|
| 23001 | BT925A1-3        | Sy ht | F <sub>2</sub> |
| 23002 | IR30 / LBLE-X2-2 | Sy ht |                |
|       | -5               | Sy ht |                |
| 23003 |                  | Sy ht |                |
|       | -6               |       |                |
| 23004 |                  | Sy ht |                |
|       | -8               |       |                |
| 23005 |                  | Sy ht |                |
|       | -11              |       |                |
| 23006 |                  | all N |                |
|       | -13              |       |                |
| 23007 |                  | Sy ht |                |
|       | -14              |       |                |
| 23008 |                  |       |                |
|       | -20              |       |                |

B7925A1-21

*seg ht*

23009

-23

*seg ht*

23010

-24

*all surfs*

23011

-25

*diag 11*

23012

-26

23013

-30

*all surfs*

23014

RV8003012-1

*all surfs*

23015

B7925A1-31

23016

23017 87925A1-

23018

23019

23020

23021

23022

23023

23024

B7925A1-

23025

23026

23027

23028

23029

PI 393987-1

23030

B7925A1-

23031

23032

dupe



23033 B7925A1 -

23034

23035

23036

23037

23038

*all done*

23039

23040

B7925A1-

23041

23042

23043

23044

RU8003012-2

23045

*all dup*

B7925A1-

23046

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23049 B7925A1-

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23051

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23054

23055

23056

B7925A1-

23057

23058

23059

PI 393987-2

23060

*all dupes*

B7925A1-

23061

23062

23063

23064



23065 B7925A1-

23066

23067

23068

23069

all NT

23070

23071

23072

all Def

B7925A1-

23073

23074

RU8003012-3

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B7925A1-

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23081 BT925A1-

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B7925A1-

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PI 393987-3

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B7925A1-

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B7925A1-

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*all draft*

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23100

23101

23102

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23104

RU8003012-4

231105

B7925A1-

231106

231107

231108

231109

231110

231111

231112

23113

B7925A1-

23114

23115

23116

23117

23118

23119

23120

PI 393987-4

B7925A1-

23121

23122

23123

23124

*all "double" dup*

23125

23126

23127

23128



23129

B7925A1-

23130

23131

23132

23133

all dup

23134

23135

RU8003012-5

23136

B7925A1-

B7925A1-

23137

23138

23139

23140

23141

23142

23143

23144

23145 B7925A1-

23146

23147

23148

23149

23150 PI 393987-5

23151 B7925A1-

23152

B7925A1-

23153

23154

23155

23156

23157

23158

23159

23160



23161

B7925A1-

23162

23163

23164

23165

RU8003012-6

23166

B7925A1-

23167

23168

B7925A1-

23169

23170

23171

23172

23173

23174

*all dup*

23175

23176

23177

B7925A1-

23178

23179

23180

PI 393987-6

23181

B7925A1-

23182

23183

23184

B7925A1-

23185

23186

23187

*all dup*

23188

23189

23190

23191

23192



23193

B7925A1-

23194

23195

RU8003012-7

23196

B7925A1-

23197

23198

23199

23200

Seeded 5/14/84

S-4, 5W

14

B7822A1-1

23201

TN-1/9545//IR-8/3/BRAZ-X2-1

-3

23202

-4

23203

-5

23204

-6

23205

-7

23206

-8

23207

-10

23208

223209

BT822A1-12

223210

BRAZ-X2-1 (1)

83 Space

223211

BT822A1-13

223212

-15

223213

223214

223215

223216

B7822A1-

23217

23218

23219

23220

23221

23222

23223

23224



23225 RU7803060-1

bis 10/30

23226 B1822A1-

23227

23228

23229

23230

23231

23232

B7822A1

23

23

23

23

23

23

23

BRAZ-X2-1 (2)

23

B7822A1-

23241

23242

23243

23244

23245

23246

23247

23248

B7822A1

23249

23250

23251

23252

23253

23254

RU7803060-2

23255

B7822A1-

23256



BT522A1-

23257

23258

23259

23260

23261

23262

23263

23264

B7822A1-

ASSIST

23265

23266

23267

23268

23269

BRAZ-X2-1 (3)

23270

B7822A1-

23271

23272

BT822A1

23273

23274

23275

*bullet in error*

*bx 10/30 (should have been 23375)*

23276

23277

23278

23279

23280

B7822A1-

23281

23282

23283

23284

RU7603060-3

23285

B7822A1-

23286

23287

23288



BT822A1-

23289

23290

23291

23292

23293

23294

23295

23296

BT822A1-

23297

23298

23299

23300

23301

23302

Double dug?

23303

23304

23305 B7822A1-

23306

23307

23308

23309

23310

23311

23312

B7822A1-

23313

23314

RU7603060-4

23315

B7822A1-

23316

23317

23318

23319

23320



23321 B7822A1-

23322

23323

23324

23325

23326

23327

23328

B7822A1-

23329

BRAZ-X2-1 (5)

23330

B7822A1-

23331

23332

23333

23334

23335

23336

23337 B7822A1-

23338

23339

23340

23341

23342

23343

23344

RU7803060-5

23345

B7822A1-

23346

23347

23348

23349

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23351

23352



BT822A1-

23353

23354

23355

23356

23357

23358

23359

BRAZ-X2-1 (6)

23360

B7822A1-

23361

23362

23363

23364

23365

23366

23367

23368

23369

B7822A1-

23370

23371

23372

23373

23374

23375

RV 7803060-6

23376

B7822A1-

B7822A-

23377

23378

23379

23380

23381

23382

23383

23384



23385 B7822A1-

23386

23387

double deaf?

23388

23389

23390 BRAZ-X2-1 (7)

23391 B7822A1-

23392

BT822A1-

23393

23394

23395

23396

23397

23398

23399

BRAZ-X2-1 (4)

23400

*uniform*

bx 10/30

Seeded 5/15/84

S-4, 4W

|       |                                      |             |
|-------|--------------------------------------|-------------|
| 23401 | Assam 5                              | 18965       |
| Pip   |                                      |             |
| 23402 | Calrose 76                           | 82 Biggs    |
| Pip   |                                      |             |
| 23403 | 312C (S <sub>3</sub> ) AC            | 18967<br>bk |
| Pip   |                                      |             |
| 23404 | 312C (S <sub>3</sub> ) BC            | 18968<br>bk |
| Pip   |                                      |             |
| 23405 |                                      | "           |
| 23406 | 312C (S <sub>3</sub> ) CC<br>dwarf   | 18969<br>bk |
| Pip   |                                      |             |
| 23407 |                                      | "           |
| 23408 | 312C (S <sub>3</sub> ) DC<br>control | 18970<br>bk |
| Pip   |                                      |             |

970

OK

23409

"

23410

XR-1 (F<sub>2</sub>) #2

971

23411

"

23412

"

23413

"

23414

"

23415

"

23416



23417

18971

23418

"

23419

"

23420

"

23421

"

23422

"

23423

"

23424

" bk

ele

XR-1 (F<sub>2</sub>) #3

3972

23425

"

23426

"

23427

"

23428

"

23429

"

23430

"

23431

"

23432

23433

18972

23434

"

23435

"

23436

"

23437

"

23438

bk

PIR

23439

XR-1(F<sub>2</sub>)#4

18973

23440

"

973

23441

"

23442

"

23443

"

23444

"

23445

"

23446

"

23447

"

23448



|       |  |  |  |       |
|-------|--|--|--|-------|
| 23449 |  |  |  | 18973 |
|-------|--|--|--|-------|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23450 |  |  |  | " |
|-------|--|--|--|---|

|       |  |  |  |    |
|-------|--|--|--|----|
| 23451 |  |  |  | bk |
|-------|--|--|--|----|

Plp

|       |  |  |  |    |
|-------|--|--|--|----|
| 23452 |  |  |  | bk |
|-------|--|--|--|----|

|       |                                      |  |  |       |
|-------|--------------------------------------|--|--|-------|
| 23453 | XR-1 (F <sub>2</sub> ) <sup>#5</sup> |  |  | 18974 |
|-------|--------------------------------------|--|--|-------|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23454 |  |  |  | " |
|-------|--|--|--|---|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23455 |  |  |  | " |
|-------|--|--|--|---|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23456 |  |  |  | " |
|-------|--|--|--|---|

|      |  |  |  |  |  |       |
|------|--|--|--|--|--|-------|
| 8974 |  |  |  |  |  | 23457 |
|------|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23458 |
|---|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23459 |
|---|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23460 |
|---|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23461 |
|---|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23462 |
|---|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23463 |
|---|--|--|--|--|--|-------|

|   |  |  |  |  |  |       |
|---|--|--|--|--|--|-------|
| " |  |  |  |  |  | 23464 |
|---|--|--|--|--|--|-------|

23465

18974

23466

bk

PIP

23467 XR-1(F<sub>2</sub>)#6

18975

23468

"

23469

"

23470

"

23471

"

23472

"

18975

23473

u

23474

u

23475

u

23476

bk

23477

vif

bk

23478

XR-1(F<sub>2</sub>)#7

18976

23479

u

23480



23481

18976

23482

"

23483

"

23484

"

23485

"

23486

"

23487

bx

pp

23488

bx

18976

bk

23489

MA135<sub>4</sub>3 1

18977

HL, MP, HY

23490

"

23491

bk

23492

Plp

bk

23493

bk

23494

MA135<sub>4</sub>3 2

18978

HL, MP, MY

23495

"

23496

23497

18978

23498

"

23499

"

23500

bk

pip

23501

bk

23502

bk

23503

MA 135<sub>5</sub> 2 3

18979

HL, HP, MY

bk

pip

23504

bk

18979

bk

23505

bk

23506

bk

23507

MA13S<sub>2</sub> 8

18980

bk

HL, MP, MY

23508

P/P

MA13S<sub>2</sub> 9

18981

bk

HL, MP, LY

23509

P/P

bk

23510

bk

23511

MA13S<sub>2</sub> 3 10

18982

HL, SP, HY

23512



23513

18982

23514

"

23515

"

23516

"

23517

bk

91p

23518

bk

23519

MA13S<sub>2</sub>3

11

18983

HL, MP, LY

23520

"

|       |                      |    |       |
|-------|----------------------|----|-------|
| 18984 | MA135 <sub>2</sub> 3 | 12 | 23521 |
| "     |                      |    | 23522 |
| "     |                      |    | 23523 |
| "     |                      |    | 23524 |
| "     |                      |    | 23525 |
| "     |                      |    | 23526 |
| bis   |                      |    | 23527 |
|       |                      |    | 1/p   |
| 18985 | MA135 <sub>2</sub> 2 | 13 | 23528 |
| bk    | HL, MP, HY           |    | Ph    |

|       |  |  |  |             |
|-------|--|--|--|-------------|
| 23529 |  |  |  | 18985<br>bx |
|-------|--|--|--|-------------|

|       |  |  |  |    |
|-------|--|--|--|----|
| 23530 |  |  |  | bx |
|-------|--|--|--|----|

|       |                    |    |  |             |
|-------|--------------------|----|--|-------------|
| 23531 | MA135 <sub>2</sub> | 15 |  | 18987<br>bx |
|       | No plants          |    |  |             |
|       | HL, UHP, MY        |    |  |             |

|       |                    |    |  |       |
|-------|--------------------|----|--|-------|
| 23532 | MA135 <sub>3</sub> | 16 |  | 18988 |
|       | HL, MP, HY         |    |  |       |

|       |  |  |  |   |
|-------|--|--|--|---|
| 23533 |  |  |  | " |
|-------|--|--|--|---|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23534 |  |  |  | " |
|-------|--|--|--|---|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23535 |  |  |  | " |
|-------|--|--|--|---|

|       |  |  |  |   |
|-------|--|--|--|---|
| 23536 |  |  |  | " |
|-------|--|--|--|---|

18988

23537

"

23538

bk

23539

P<sub>18</sub>

bk

23540

MA135<sub>2</sub> 3 17

18989

23541

bk

HL, HP, MY

P<sub>19</sub>

bk

23542

MA135<sub>2</sub> 3 18

18990

23543

HL, HP, MY

"

23544



23545

18990

23546

"

23547

"

23548

brc

PIP

23549

brc

23550

brc

23551

Assam 5

18991

(parent)

PIP

23552

GWS 15-4

PIP

GWS 15-5

23553

P/P

GWS 15-6

23554

P/P

GWS 16-1

23555

P/P

-2

23556

P/P

-3

23557

P/P

-5

23558

P/P

-6

23559

P/P

-7

23560

P/P

23561

GWS 17-3

PIp

23562

- 4

PIp

23563

- 7

PIp

23564

NP 125

MAM

PI 201902

23565

"

"

23566

Dolan

"

PI 180061

23567

"

"

23568

Golden Steve

B80/2713

"

10/11

MAM

Golden Steve

23569

"

Early Prolific

23570

CI 5883

bk 10/11

"

"

23571

"

Carolina Gold

23572

CI 1645

bk 10/11

"

"

23573

"

Cody

23574

CI 8642

bk 10/11

"

"

bk

23575

"

Century 52

23576

CI 9002

bk 12/11



23577 Century 52 MAM

23578 Conway  
CI 9739 "

23579 " "

23580 Kanto 51 "

23581 " bkr 10/15  
(Held by Kander) "

23582 Tadukan  
PI 280681 "

23583 " bkr 10/30 "

23584 Toro  
CI 9013 "

MAM

Toro

bk 10/30

23585

Caloro

"

23586

bk 10/11

"

"

23587

"

"

23588

Usen

"

23589

"

"

bk 10/30

23590

"

"

23591

Bluebonnet

"

23592

CI 8322

|       |               |          |  |  |     |
|-------|---------------|----------|--|--|-----|
| 23593 | Bluebonnet    |          |  |  | MAM |
| 23594 | "             | bK 10/30 |  |  | "   |
| 23595 | Zenith        |          |  |  | "   |
| 23596 | "             | bK 10/11 |  |  | "   |
| 23597 | "             |          |  |  | "   |
| 23598 | CI 8970-S     |          |  |  | "   |
|       | Sha-Tiao-Tsao |          |  |  |     |
| 23599 | "             |          |  |  | "   |
| 23600 | "             |          |  |  | "   |



Seeded 6/21/84

5-5, 6E

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7703008<sup>3</sup>/7402003

PR 6002-06

23601

23602

23603

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PR 6007-12

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PR 6013-16

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23623

23624

23625

LBLE

23626

Fd

23627

PR6013-16

23628

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23632

PR6017-21

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23640



23641

PR 6017-21

23642

PR 6022-25

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23645

P/R 10/16

23646

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23648

PR 6022-25

23649

23650

23651

LMNT

23652

PR 6026-30

23653

23654

PR 10/16

23655

23656

23657

PR 6026-30

23658

23659

Plp 10/16

23660

23661

23662

23663

PR 6031-35

23664

23665

23666

23667

23668

23669

23670

23671

23672



23673 LEAH

23674

PR 6036-41

23675

23676

23677

23678

23679

23680

PR 6036-41

23681

23682

23683

PR 6042-45

23684

23685

23686

23687

23688

23689

PR6042-45

23690

23691

23692

23693

23694

PR6046-49

23695

23696

R 6046-49

23697

23698

23699

23700

23701

23702

23703

6050-55

23704



23705

PR 6050-55

23706

23707

23708

23709

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23711

23712

PR 6050-55

23713

PR 6056-60

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23721

PR6056-60

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23723

23724

LBNT

23725

PR6061-64

23726

23727

23728

R 6061-64

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23734

R 6065-70

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23737

PR 6065-70

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PR 10/16

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PR 6071-77

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23751

23752

23753

PR 6071-7

23754

23755

BLMT

23756

PR 6078-83

23757

23758

n/p 10/16

23759

23760

R6078-83

23761

23762

23763

23764

23765

R6084-89

23766

23767

23768

P/p 10/10



23769

PR 6084-89

23770

23771

23772

23773

23774

23775

23776

SKBT

PR 6090-95

23777

23778

23779

23780

23781

23782

23783

23784

23785

PR 6090-95

23786

PR 6096-6100

23787

23788

23789

23790

23791

23792

PR 12/16

R6096-6100

23793

PR

10/16

23794

23795

PR 6101-06

23796

23797

1/8 10/16

23798

23799

23800



23801

PR 6101-06

23802

Plp 10/16

23803

23804

23805

23806

PR 6107-11

23807

Plp 10/16

23808

PR 6107-11

23809

23810

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7703008<sup>3</sup>/7801067

PR 6112-15

23816

23817

PR 6112-15

23818

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23820

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23824

PR 6112-15

23825

BOND

23826

R 6116-21

23827

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23833

PR 6116-21

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23835

PR 10124

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23837

PR 6122-26

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23840

PR 6122-26

23841

23842

23843

23844

23845

23846

R 6127-32

23847

23848

23865

PR 6133-37

23866

p/r 10/24

23867

23868

PR 6138-43

23869

23870

23871

23872

PR6138-43

23873

23874

23875

23876

23877

LBLE - X2 - 2

23878

R6144-46

23879

23880



23881

PR 644-46

23882

23883

23884

PP 10/24

23885

23886

23887

23888

R6147-50

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23893

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23895

23896

23897

PR6147-50

23898

23899

PR6151-53

23900

23901

23902

23903

23904

PR6151-53

23905

23906

23907

23908

R6154-56

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PR 6154-56

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23916

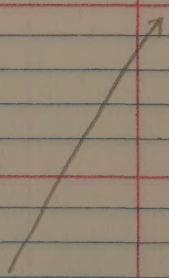
23917

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PR 6157-62

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PR 6157-62

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23928

r/p 10/24

23929 TBNT

23930 PR6163-66

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PR6163-66

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PR6167-T2

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p/p 10/24



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PR6167-T2

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PR6173

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PLP 10/24

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23959

NWBT

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23961

PR 6174-75

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R6174-75

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R6176-80

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PR6176-80

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STBN

23982

PR6181-85

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R 6181-85

23985

p/p 10/25

23986

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23989

23990

23991

R 6186-90

23992

23993

PR 6186-90

23994

23995

23996

23997

23998

23999

24000

6186-90

24001

6191-95

24002

24003

24004

P/P 10/25

24005

24006

24007

24008



24009

PR 691-95

24010

24011

24012

PR 696-6201

24013

24014

24015

24016

R6A6-6201

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24018

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24020

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RU8003050

24022

R6202-06

24023

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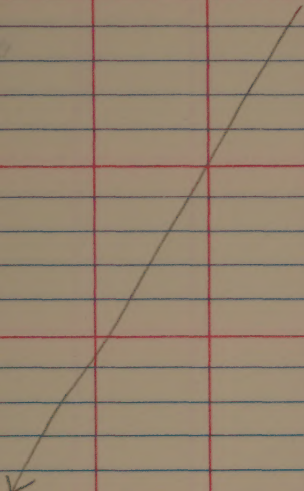
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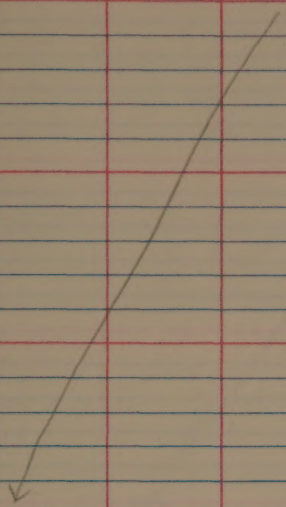
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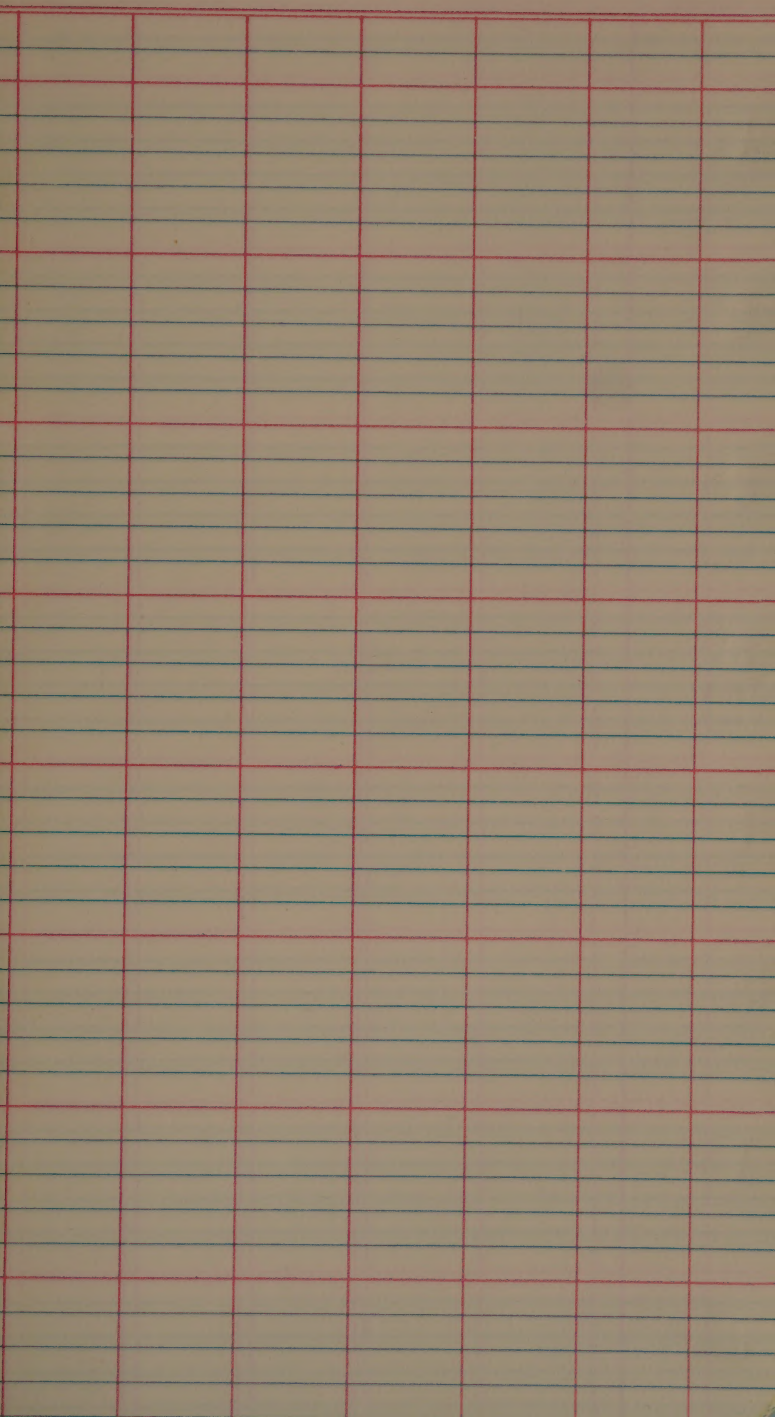
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UNITED STATES DEPARTMENT OF AGRICULTURE  
SCIENCE AND EDUCATION ADMINISTRATION

**FIELD NOTEBOOK**  
**AGRONOMIC NOTES**

**If found, please tie securely and return to**

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**(Employee's Name)**

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**(Street Address)**

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**(City and State)**

# SCALE FOR ESTIMATING RUST

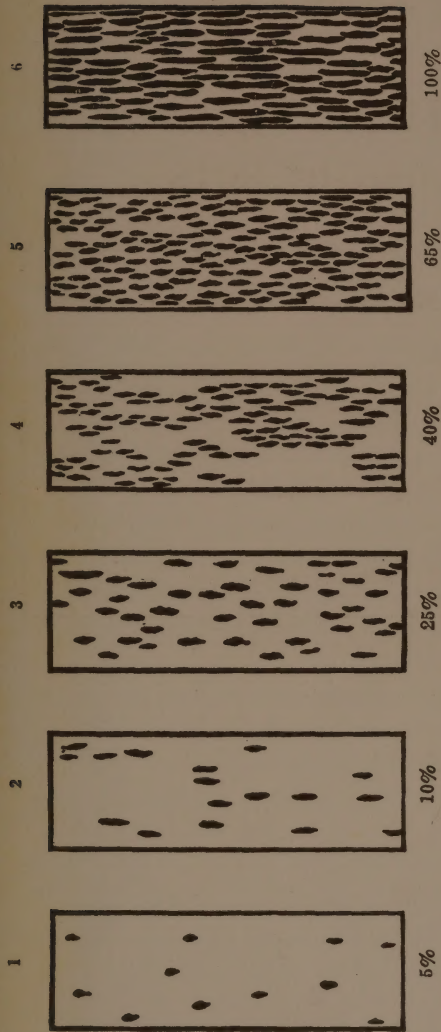


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

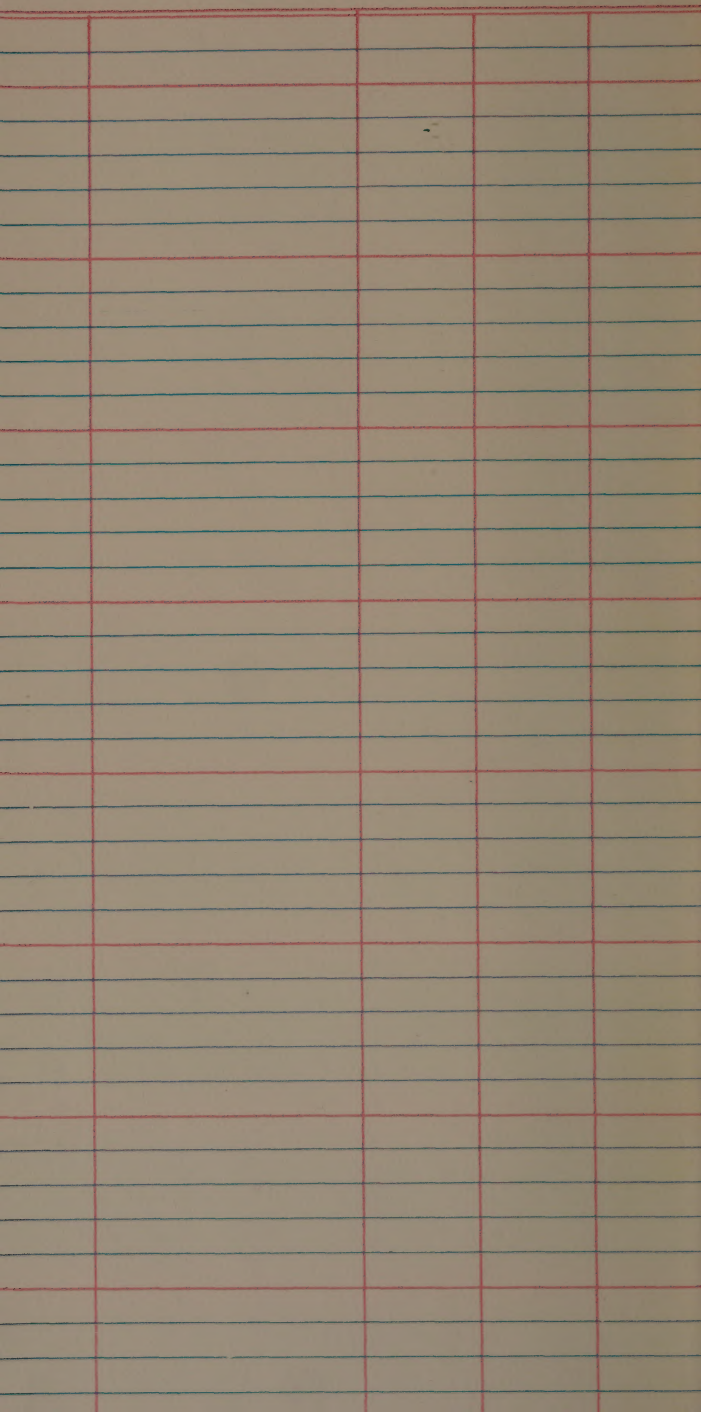
This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

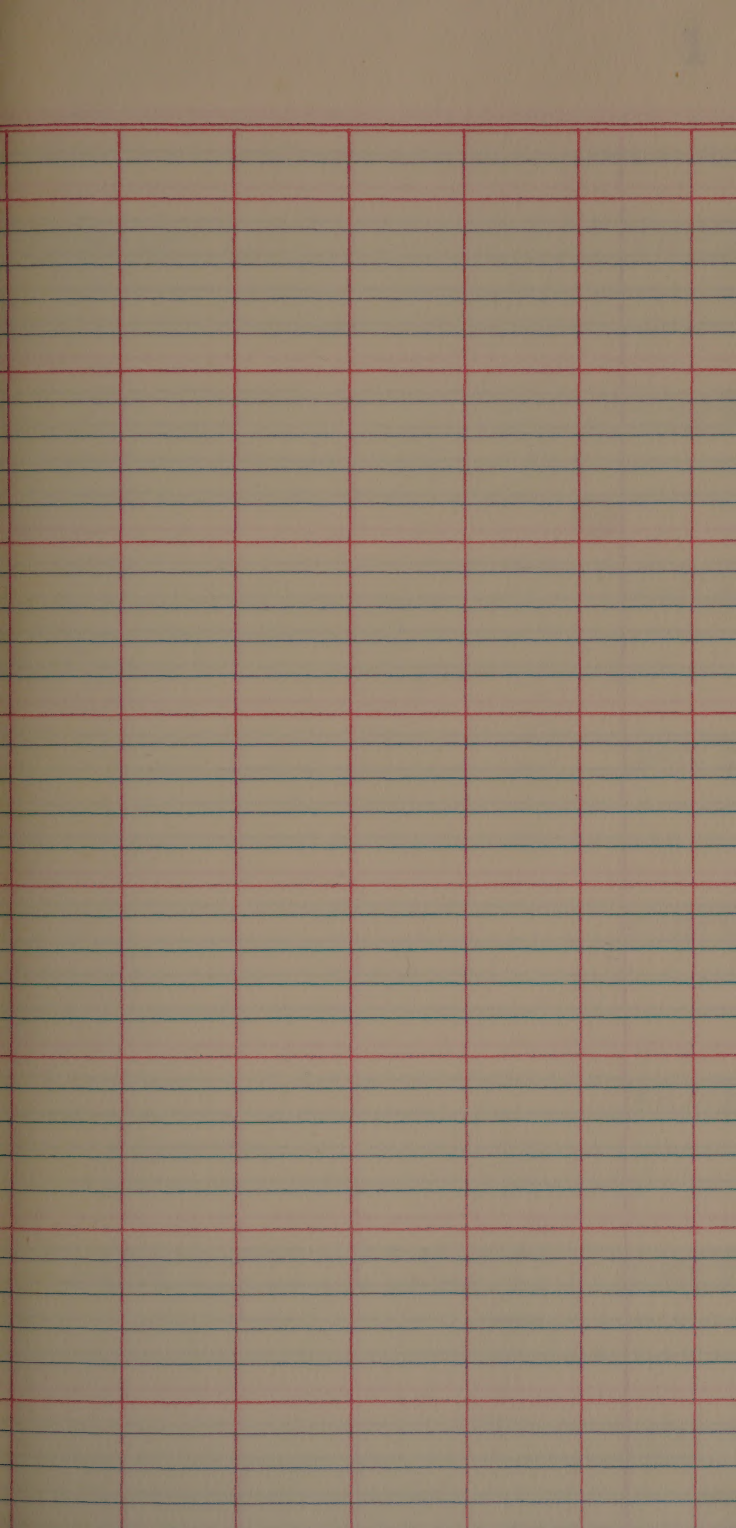
The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

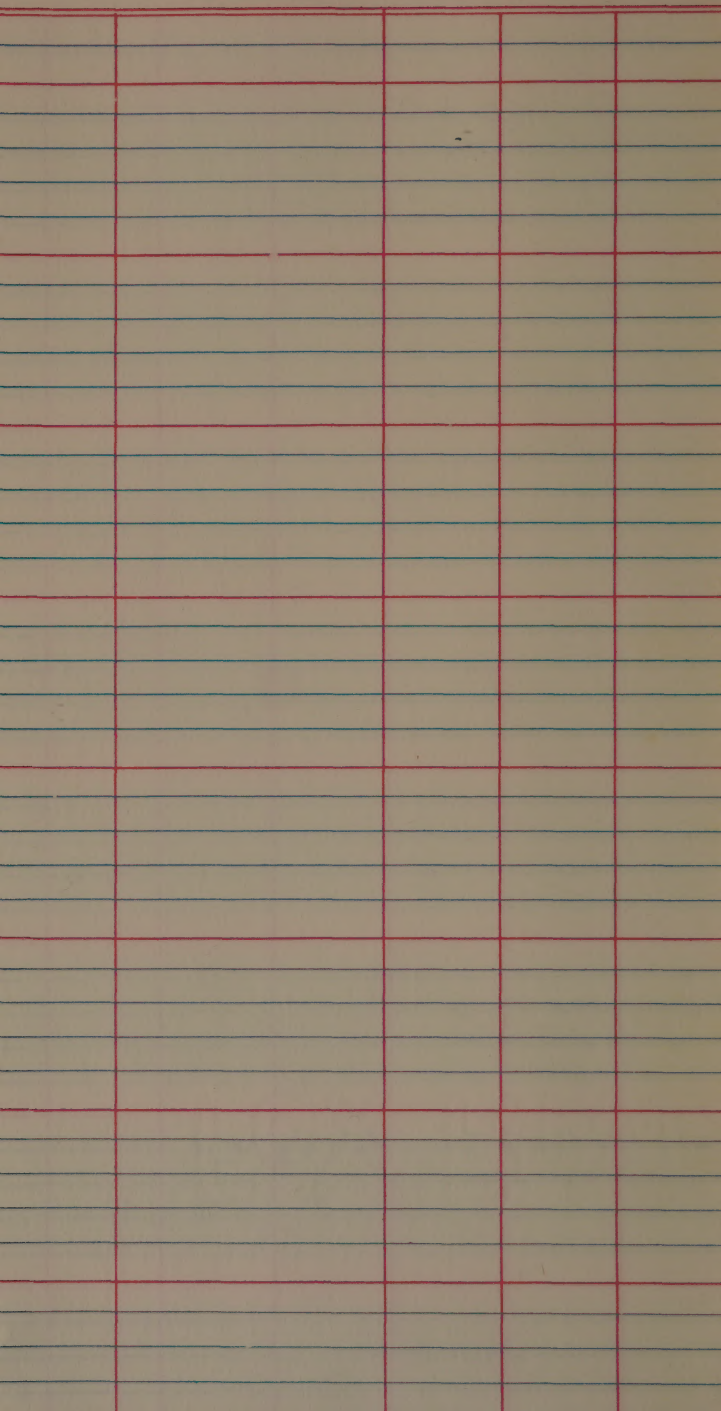


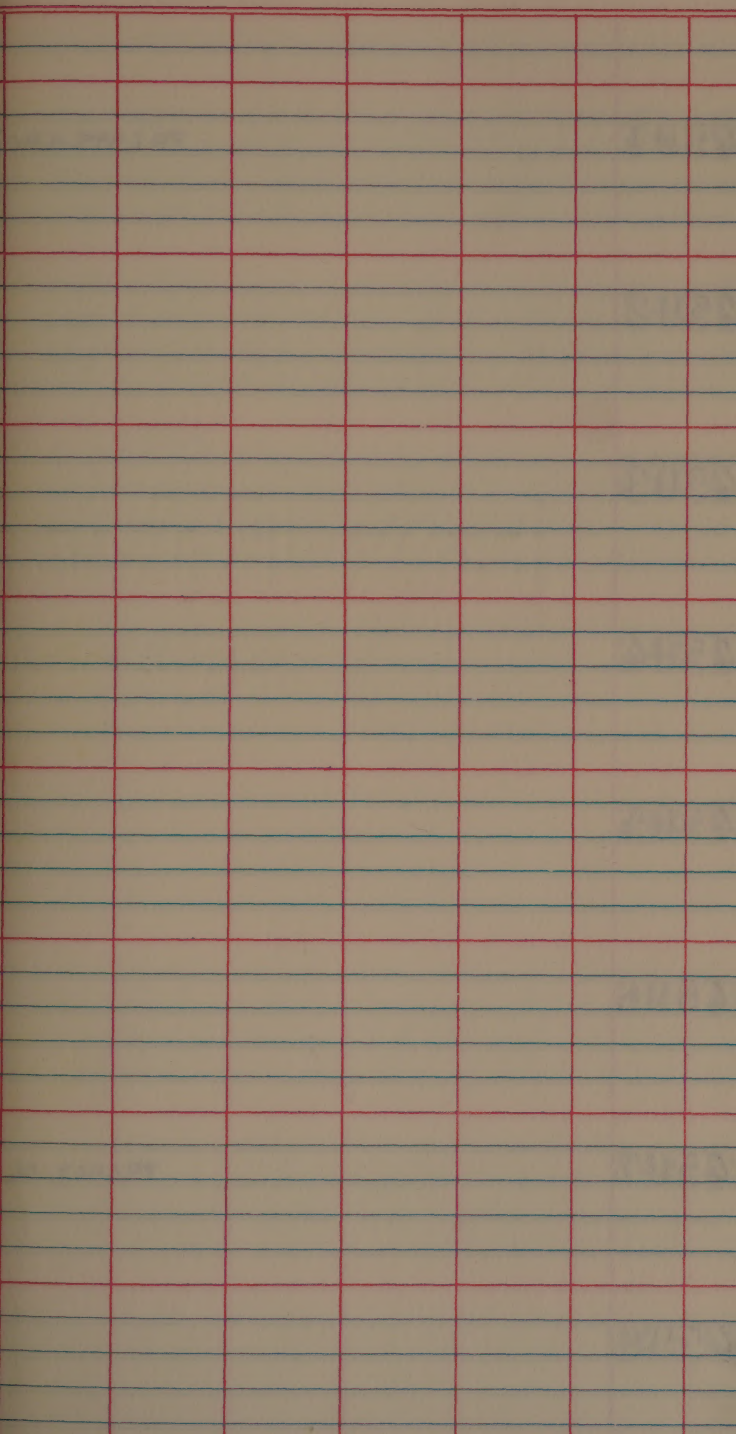














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"

bk 11/6

25440

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25441

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25442

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25443

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25444

25445

IR-8

25446

"

25447

IR-20

82/2137

25448

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25449

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25450

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25451

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25452

"

|         |          |       |
|---------|----------|-------|
| 82/2137 | IR-20    | 25453 |
|         | "        | 25454 |
|         | "        | 25455 |
|         | "        | 25456 |
| 82/2138 | IR-22    | 25457 |
|         | "        | 25458 |
|         | "        | 25459 |
|         | bk 11/12 | 25460 |



25461 IR-22

25462 "

25463 " bk 11/6

25464 "

25465 "

25466 "

25467 IR-24

25468

82/2139

25469

25470

25471

bk 10/29

25472

25473

25474

25475

25476

IR-26

25477

82/2140

25478

25479

25480

bk 10/30

25481

25482

25483

25484

25485

25486

IR-28

82/2141

25487

25488

25489

Same day 9/22

bk 10/14

25490

25491

25492



25493

25494

25495

25496

25497

IR-29

25498

"

25499

"

25500

"

bK 10/4

bK 10/29

82/2142

25501

25502

25503

25504

25505

25506

IR-34

31/2101

25507

25508

25509

25510

25511

25512

25513

25514

25515

25516

IR-38

2/2146

25517

25518

25519

25520

br 11/6

25521

25522

25523

25524



25525

25526

25527 IR-42

8/2131

25528

25529

25530

25531

25532

25533

25534

25535

25536

IR-30

81/2091

25537

br 10/11

25538

Brittle Saturn

2/2185

25539

"

br 10/11

25540

25541

82/2185

25542

"

25543

25544

Ai-nou-tsoo 1

25545

"

b/c 9/17

25546

"

25547

Ai-nou-tsoo 39

25548

"

b/c 9/17

Ai-nou-tso 39

25549

29 Lui

25550

"

bx 9/17

25551

"

25552

Pi 4

51/2472

25553

"

25554

"

No plants

25555

Patnai

1/2466

25556



25557 Patnai

25558 "

25559 JAYA

81/2469

25560 "

25561 PETA

81/2495

25562 "

25563 Dosel

82/2121

25564 "

|         |                 |                         |       |
|---------|-----------------|-------------------------|-------|
| 82/2122 | Amposta         |                         | 25565 |
| "       | "               | bx 9/25                 | 25566 |
| 82/2015 | Italica Livorno |                         | 25567 |
| "       | "               | bx 9/11<br>Severe blent | 25568 |
| 2/2116  | Arceltia        |                         | 25569 |
| "       | "               | bx 9/11<br>Severe blent | 25570 |
| 2/2117  | Sarikilgis      |                         | 25571 |
| "       | "               | bx 9/11<br>Severe blent | 25572 |

25573 Tongil 82/2071

25574 " bk 10/4

25575 Dular 82/2186

25576 " bk 9/11

25577 I-geo-tze 82/2188

25578 " bk 10/4

25579 Koshihikari 82/2124

25580 " bk 9/25

83/216

Ribe

25581

"

bk 9/25

25582

2117

Maratelli

25583

"

bk 9/25

25584

2118

Bersani

25585

"

bk 9/25

25586

2119

Vialone Nano

25587

"

bk 9/25

25588



|       |        |      |
|-------|--------|------|
| 25589 | Girona | 2120 |
|-------|--------|------|

|       |   |  |
|-------|---|--|
| 25590 | " |  |
|-------|---|--|

bk 10/14

|       |       |      |
|-------|-------|------|
| 25591 | Bahia | 2121 |
|-------|-------|------|

|       |   |  |
|-------|---|--|
| 25592 | " |  |
|-------|---|--|

bk 10/14

|       |         |      |
|-------|---------|------|
| 25593 | Seguial | 2122 |
|-------|---------|------|

|       |   |  |
|-------|---|--|
| 25594 | " |  |
|-------|---|--|

bk 10/14

|       |        |       |
|-------|--------|-------|
| 25595 | Mutica | 12213 |
|-------|--------|-------|

|       |   |  |
|-------|---|--|
| 25596 | " |  |
|-------|---|--|

bk 9/25

|         |                |       |
|---------|----------------|-------|
| 7099    | Quing Qun Wang | 25597 |
|         | " bk 10/4      |       |
|         | "              | 25598 |
| 7100    | Bhai Zhen Long | 25599 |
|         | " bk 10/4      |       |
|         | "              | 25600 |
| 82/2155 | LBLE-X2-1      | 25601 |
|         | " bk 10/4      |       |
|         | "              | 25602 |
| 82/2161 | CI9881         | 25603 |
|         | " bk 10/4      |       |
|         | "              | 25604 |

25605 CI 9545 82/2165

25606 " bk 10/11

25607 CI 9878 82/2166

25608 " bk 10/11

25609 CI 9902 2040

25610 " bk 10/29

25611 PI 291449 82/2187

25612 " bk 9/11



|         |           |       |
|---------|-----------|-------|
| 82/2188 | PI 291495 | 25613 |
| "       | bk 9/25   | 25614 |
| 82/2114 | PI 161035 | 25615 |
| "       | bk 10/4   | 25616 |
| 82/2168 | PI 215936 | 25617 |
| "       | bk 10/11  | 25618 |
| 82/2110 | PI 315650 | 25619 |
| "       | bk 11/6   | 25620 |



25621

PI 325833

82/2118

bK 10/11

25622

"

25623

PI 331581

84 PR 6752

bK 10/11

25624

"

25625

PI 372041

82/2129

bK 10/30

25626

"

25627

PI 372054

11599

bK 10/11

25628

"

PI 372056

11600

25629

bk 10/10

"

25630

PI 372097

82/2132

25631

bk 10/29

"

25632

PI 385431

81/2482

25633

bk 10/30

"

25634

PI 385814

82/2134

25635

bk 10/4

"

25636

25637

PI 385817

81/2487

25638

"

bK 10/4

25639

BRAZ -X2 -1

2128

25640

"

bK 10/29

25641

OS-6

82/2115

25642

"

bK 10/11

25643

NP 130

82/1241

25644

"

bK 10/4



82/2154

13-D

25645

"

bk 1029

25646

82/2180

GROS

25647

"

bk 1011

25648

82/2181

NRDS

25649

"

bk 1011

25650

2/173

TIRS

25651

"

bk 1029

25652



|       |             |          |             |
|-------|-------------|----------|-------------|
| 25653 | Blue Rose   |          | 18957       |
| 25654 | "           | bk 10/11 |             |
| 25655 | TN-1        |          | 1105        |
| 25656 | "           | bk 10/21 |             |
| 25657 | Basmati 370 | 9/24     | 83/19161    |
| 25658 | "           | bk 10/30 | 7/24        |
| 25659 | Nam Sagu 19 |          | 83 F, Block |
| 25660 | "           | bk 11/1  |             |

82/5741

CI 11036

DD 1

25661

"

25662

"

bnc 10/4

25663

"

25664

"

25665

LBLE /USEN

MAM

(R to IB 49)

25666

F<sub>2</sub>

"

25667

"

25668

25669

LBLE/USEN

MAM

25670

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25671

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25672

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25673

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25674

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25675

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25676

"

LBLE / USEN

25677

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25678

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25679

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25680

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25681

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25682

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25683

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25684



25685 LBLE / USEN

25686 "

25687 "

25688 "

25689 "

25690 "

25691 "

25692 "

LBLE/USEN

25693

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25694

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25697

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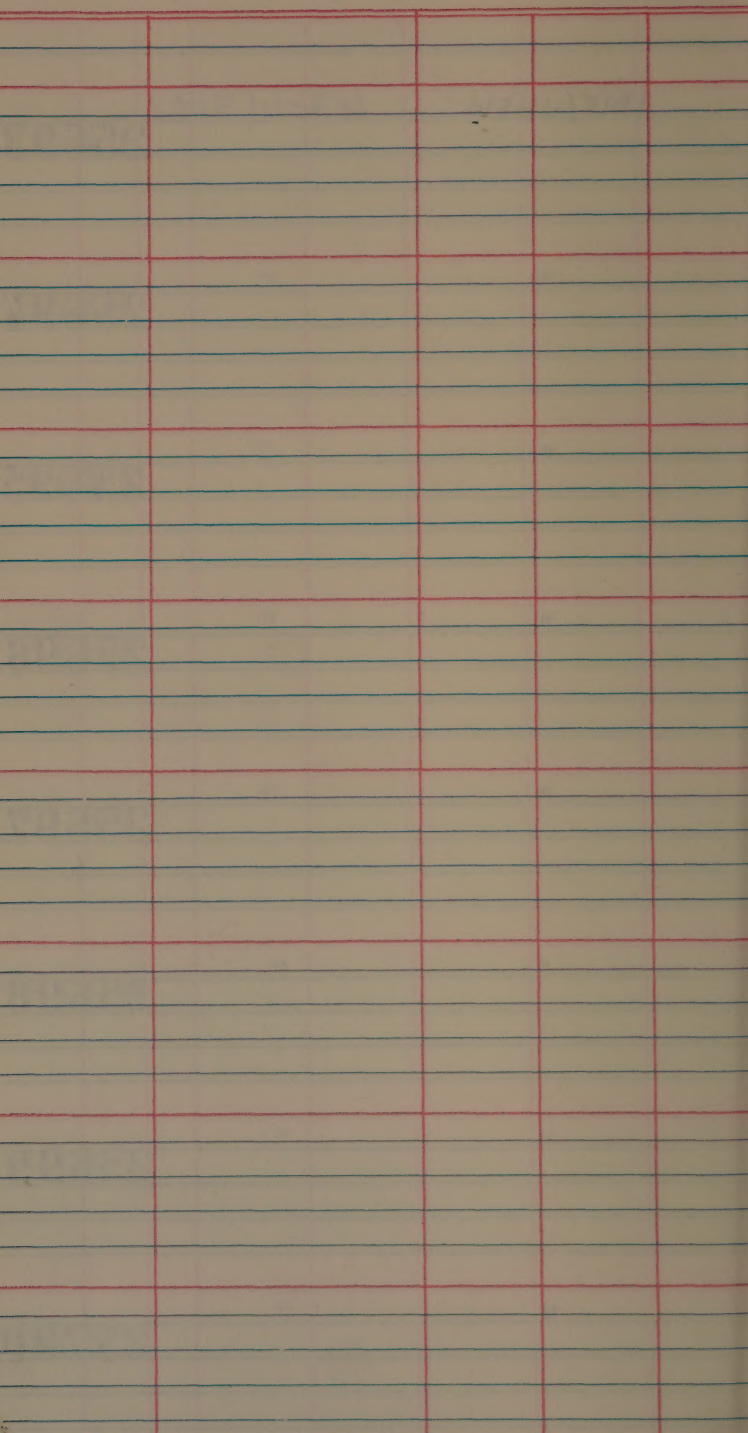
25698

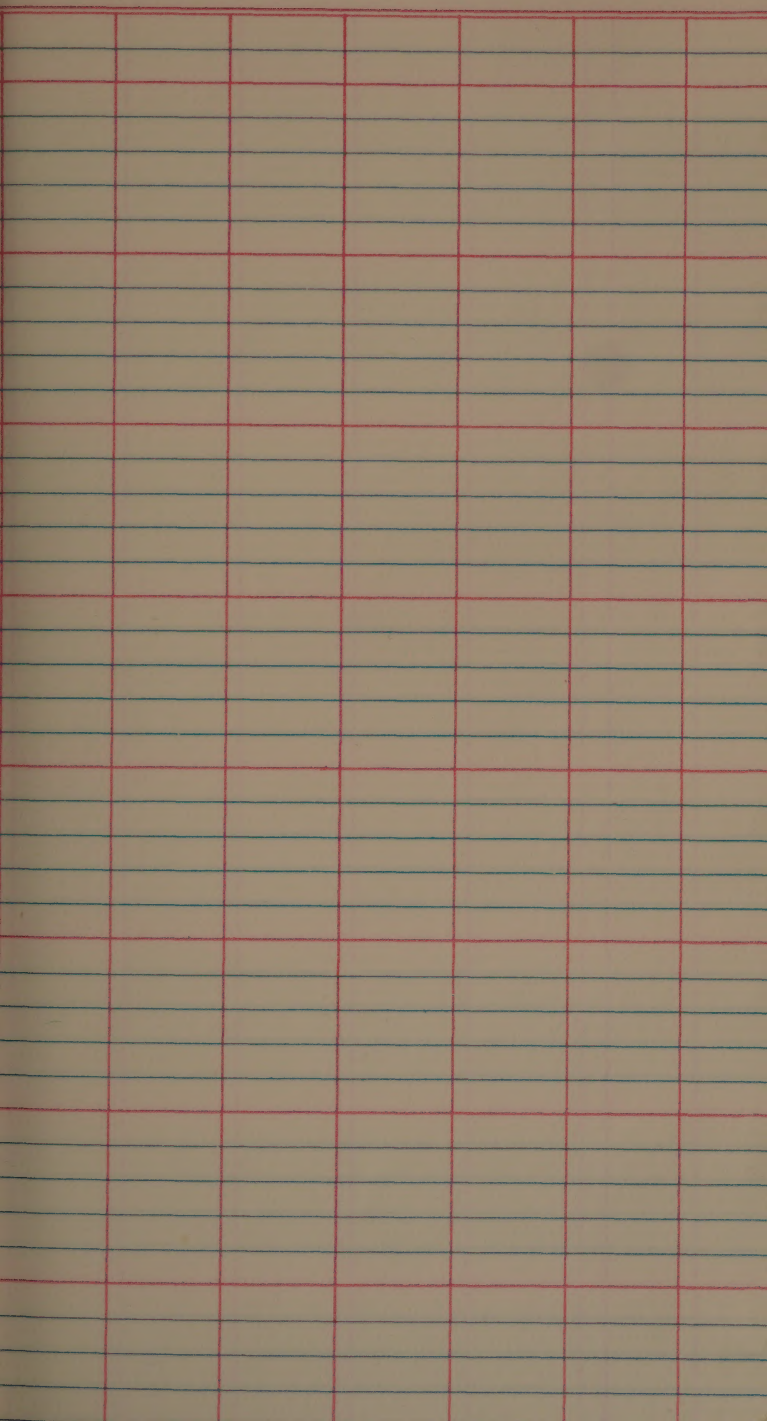
"

25699

"

25700







$$\begin{array}{r} 400 \\ 156 \\ \hline 244 \end{array}$$

Rachmaninoff -

Rhapsody on a theme of  
Paganini, Opus 41

Lu

ai

29/7/22  
24

